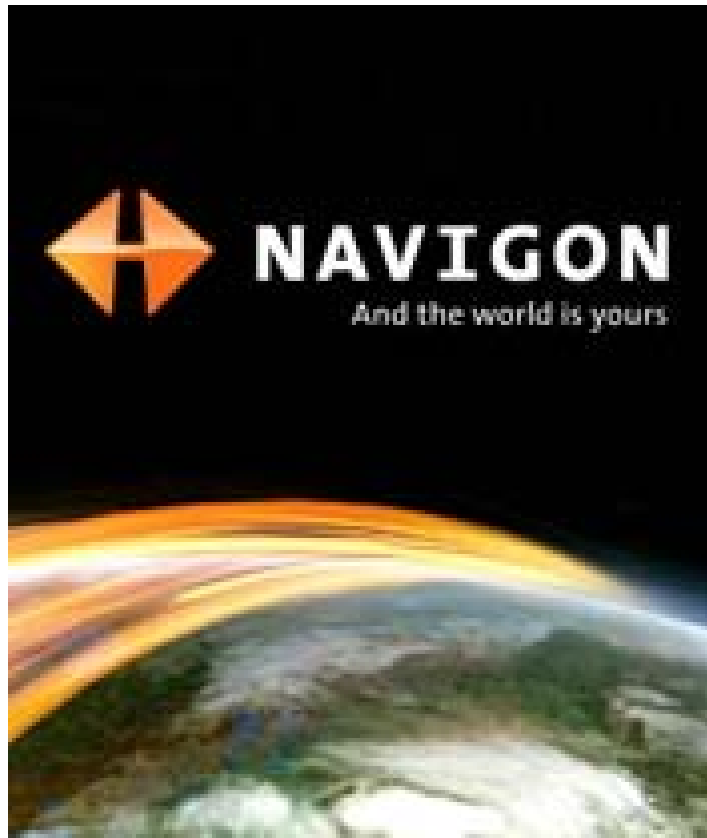




NAVIGON



NAVIGON 8100T

User's Guide

English (US)

December 2008

Version 1.1

Imprint

NAVIGON, INC
200 W Madison Street
Suite 650
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Introduction

About this User Guide

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Italics: Registered names, company and product descriptions.

SMALL CAPITALS: WINDOW, LIST, AND DIALOG BOX TITLES.

Bold Italics: View modes.

Bold: Descriptions of buttons, tabs, input fields and other elements on the screen.

Symbols

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Warnings.



Instructions and tips for operating the software.



More detailed information and explanations.

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- Download navigation software updates.
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- Call Customer Service.
- View or download User Guides.
- Report a problem.
- Report a map inaccuracy.



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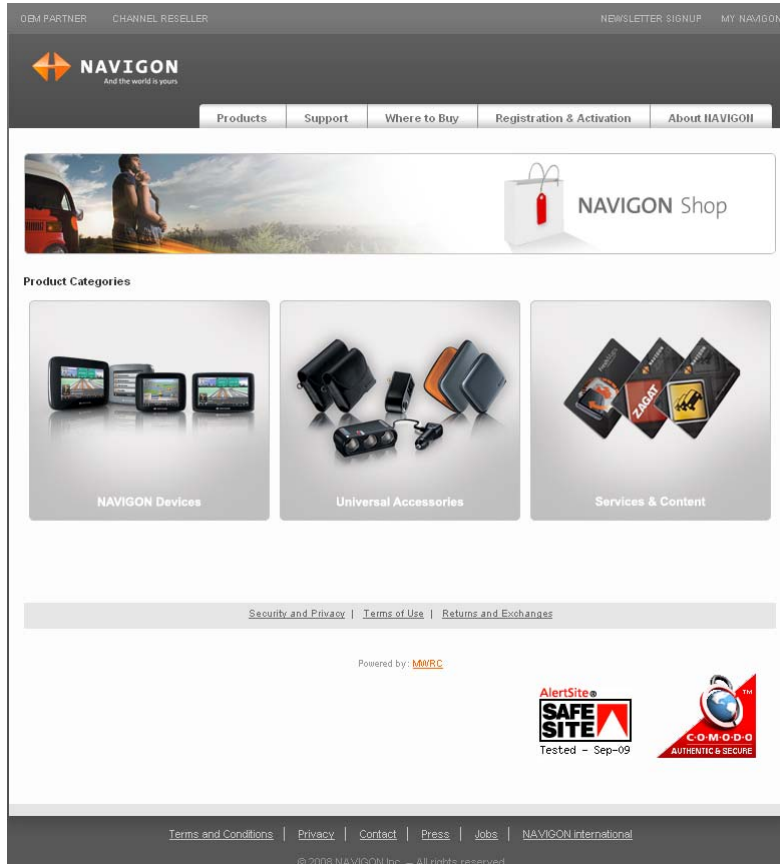
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Welcome

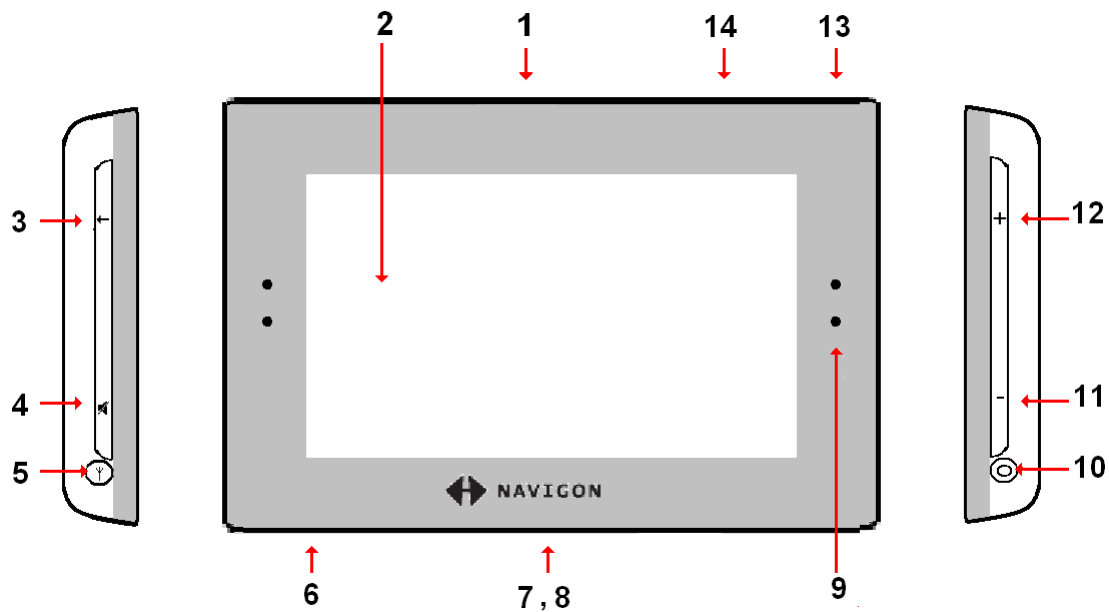
Introducing Your NAVIGON 8100T

Welcome to the exciting world of handheld navigation. The **NAVIGON 8100T** offers Global Positioning System (GPS)-based navigation and millions of Points Of Interest (POIs).



With NAVIGON Lifetime Traffic, your navigation system can receive the latest traffic information available. If necessary, it can change your route dynamically in order to avoid traffic congestion.

With ZAGAT Survey Ratings and Reviews POI, you receive ratings on thousands of POIs from the world's leading provider of consumer survey-based dining, travel and leisure information.

With NAVIGON FreshMaps, you can receive quarterly map updates.



1		On/Standby/Off
2		Touch screen
3		Back to Previous Window
4		Volume - Mute
5		Socket for Optional External GPS antenna
6		Power Connector Port (with integrated TMC antenna)

7		LED
8	RESET	Reset
9		Microphone
10		Socket for Optional External Headphone
11	-	Volume -Softer
12	+	Volume - Louder
13		Stylus
14		SD/SDHC memory card slot

About GPS navigation

The Global Positioning System (GPS) uses a constellation of up to 32 satellites that enable a GPS receiver to calculate its geographical position.

For a sufficiently precise positioning it is necessary to obtain the data from at least three satellites. With the data from 4 or more satellites the altitude above sea level can also be determined.

Geographical terrain (such as mountains), man-made structures (such as highway overpasses, bridges and tall buildings), and even weather can interfere with or disrupt the GPS signal.

Once the navigation device has determined your position, it can be used as a starting point for route calculation.

The map data on your navigation device includes the geographical coordinates of all digitally recorded Points Of Interest (POIs), streets and places. This enables the device to calculate a route between a starting point and a destination.

The calculation of the current position and its representation on the map takes place once every second so your current position is always shown on the map.

If GPS reception is impaired, navigation is interrupted but the navigation software remains active. As soon as GPS reception is restored, the navigation system calculates any change of position which has occurred in the meantime and navigation may simply be continued.



Caution! The United States government operates the Global Positioning System (GPS) and is solely responsible for its accuracy and maintenance. Changes by the United States government may affect the accuracy and performance of all GPS equipment, including your personal navigation device.

Caution! Ordinances or laws may restrict use of certain abilities of your navigation device on public or private land.

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Getting Started

What's included

Your **NAVIGON 8100T** comes with the following accessories. If the contents are incomplete, please notify us **within 14 days of purchase**. The purchased product includes:

- **NAVIGON 8100T** navigation device
- SD card with navigation software (already inserted in the device)
- Car cradle and mounting disk
- Car charger cable (12 volt adapter) with integrated TMC antenna.
- Quick Start Guide
- Warranty and Safety Flyer

Important safety information



Caution! Please be sure to read, understand, and follow the safety information in “Important safety information” on page 10.

Navigation safety information

Use this navigation system at your own risk.



Caution! To prevent accidents, do not operate the navigation system while driving.

Caution! Do not look at the display unless it is absolutely safe to do so!

Caution! Traffic regulations have priority over any instructions from the navigation system.

Caution! Follow the instructions of the navigation system only when the circumstances and the road traffic regulations allow you to do so! The navigation system guides you to your destination even if you deviate from the calculated route.

Caution! Check that the cradle is secured and adjusted properly before each journey.



Note: If you have not understood the spoken instructions, or you're not sure about what to do next, you can briefly refer to the map or arrow view of your navigation system.

Safety information for the navigation device



-
- Caution!** Do not use pointed or sharp-edged objects on your device's touch screen. Your **NAVIGON 8100T** is designed for use by simply tapping the touchscreen with your finger.
- Caution!** Protect the device from moisture. The device is not waterproof and is not protected against water damage.
- Caution!** Do not run cables directly next to safety-relevant devices and supply lines.
- Caution!** After installation, check all safety-relevant equipment in the car.
- Caution!** Unplug the navigation device's power supply when you park the vehicle. The navigation device requires power in standby mode, and may drain the vehicle's battery. When not using your device for an extended of time see "Turning off the NAVIGON 8100T" on page 18.
- Caution!** Do not open the navigation device's casing under any circumstances.
- Caution!** Do not attempt to replace the battery. For problems related to the battery, contact NAVIGON Customer Support.
- Caution!** Always follow local regulations when disposing of this device.
- Caution!** Do not expose the navigation device to extreme heat or cold. This may damage the device or impair its function.
- Caution!** Use only the charger provided or one that has been approved by the manufacturer.
- Caution!** Connect the charger to a suitable power supply. The voltage requirements can be found on the device case and/or the packaging.
-



-
- Note:** Ensure that there are no kinks in the cable and that it will not be damaged by any sharp objects.
- Note:** To clean the navigation device, use a moist cloth only.
- Note:** Do not unplug by pulling on the cable. Doing so could damage the cable!
- Note:** Create a backup of the data contained on the memory card provided. This is very easy to do with the NAVIGON Fresh software. It can be downloaded free of charge from our website www.navigonusa.com.
- Note:** The memory card must remain inserted in the device during operation of the navigation system.
- Note:** Use only SD or MMC memory cards! Make sure that the memory card contacts are clean and undamaged.
-

Safety guidelines for Installation



-
- Caution!** Secure the cradle in such a way that the driver's visibility is not impaired.
- Caution!** Do not attach the cradle within the deployment zone of airbags.
- Caution!** When installing the cradle, ensure that it does not represent a risk in the event of an accident.
- Caution!** Do not run cables directly next to safety-relevant devices and power supplies.
- Caution!** After installation, check all safety-relevant equipment in the car.
- Caution!** The car charger cable is to be connected to cigarette lighters with an operating voltage of 12V only.
-

Preparing your NAVIGON 8100T for use

Charging the battery



Note: A 12 volt car charger cable is included with your device. An A/C wall charger is also available as an optional accessory. Visit our web store www.navigonusa.com/store/.

- Connect the car charger cable to the navigation device and to the vehicle's cigarette lighter.
The LED of the **NAVIGON 8100T** indicates the current battery charge. The LED lights:
 - No light, the battery has no charge.
 - Orange during charging.
 - Green during charging when the battery is fully charged.
 - Blue when the device is on.

Power Interruptions

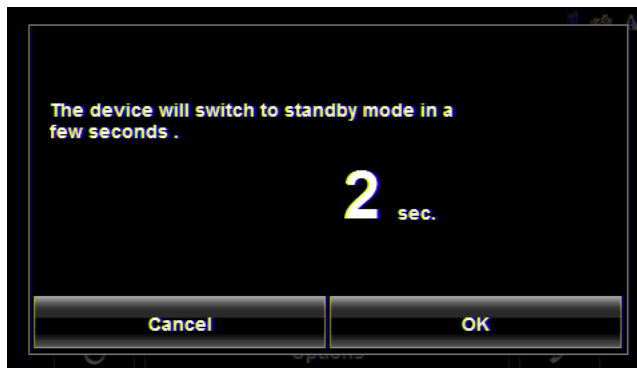


For more information on setting this option, see **Automatic Standby** in “General Settings” on page 149.

When power to the device is interrupted, the **NAVIGON 8100T** can be configured to put itself into Standby mode to save power. This occurs when the device is on and is disconnected from a power source, such as:

- The vehicle cigarette lighter, or
- A wall outlet.

With this option, after a power interruption, the device waits 30 seconds, then puts itself into Standby mode. When one of the above power interruptions occur, the following message displays a 30 second countdown:




Tap:

- **OK** or wait until the 30 seconds countdown completes to allow the device to enter Standby mode.
- **Cancel** to end the countdown and continue using the device.

Memory Card

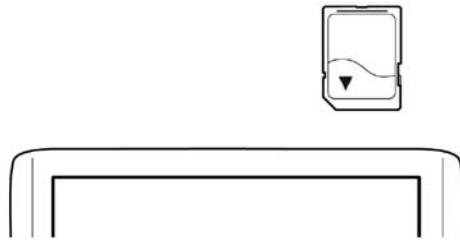
A memory card with the software and card data is already inserted in the navigation device. You can copy these data to another memory card or save them on your PC. To do so, the NAVIGON Fresh software can be downloaded free of charge from www.navigonusa.com.

Removing the memory card

1. Turn off the navigation device. (Press and hold the  (On/Standby/Off) button on the top of the device for eight (8) seconds, then release.)
2. Press the memory card gently into the device until the lock disengages.
3. Let go of the memory card. It now projects slightly out of the device.
4. Pull the memory card out of the slot.

Inserting a memory card

1. Insert the memory card into the device (as shown below).



2. Press the card into the device until it locks in place.



Note: The navigation device will work only if the memory card contains the navigation software and card data.

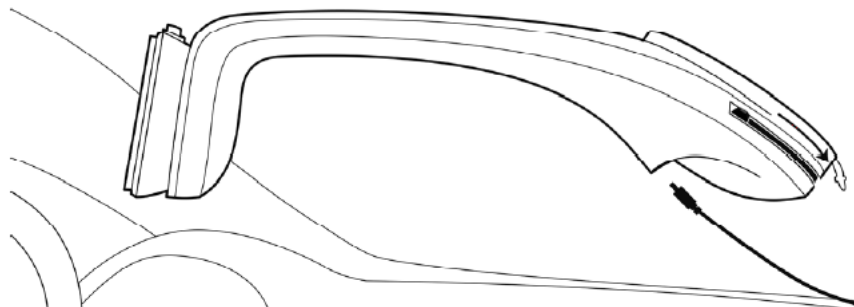
Installing the Car Cradle



Caution! Please be sure to read, understand, and follow the safety information in “Important safety information” on page 10.

Securing the Cradle

1. Clean the mounting surface where you want to secure the cradle. The mounting surface must be dry and free of dirt and grease.
2. Use the suction cup to fix the cradle to the windscreen.



3. Press the lever on the suction cup forwards.

Providing Power to the NAVIGON 8100T

Included in delivery of the **NAVIGON 8100T** is a car charger cable with which power can be supplied to the navigation device by the vehicle's cigarette lighter.

1. Connect the car charger cable to the vehicle's cigarette lighter.
2. Connect the mini-USB socket on the cradle.
The navigation device is supplied with power as soon as it is inserted in the cradle.



Caution! Connect the car charger cable to 12V cigarette lighters only.



Note: Be sure to insert the USB connector into the **NAVIGON 8100T** as far it will go.
Note: Power is only supplied to the cradle when the **NAVIGON 8100T** is inserted. When the device is in the cradle, the USB socket will not operate.

TMC (Traffic) Antenna

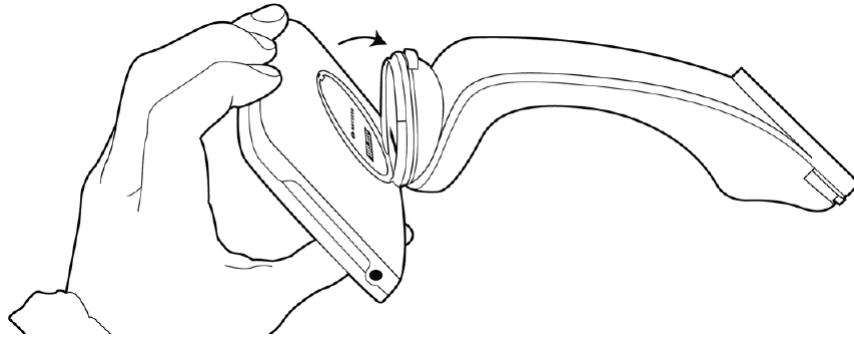
The **NAVIGON 8100T** has an integrated TMC receiver. A TMC antenna is integrated in the car charger cable. Once the **NAVIGON 8100T** is inserted in the cradle it is ready to receive traffic message updates.

For more information on traffic message updates, see “NAVIGON Lifetime Traffic” on page 117.

Inserting the NAVIGON 8100T into the Cradle

On the rear of the navigation device is a ring which fits in the ring of the cradle.

1. Align the head of cradle so that the button is at the top.
2. Tilt the top end of the navigation device slightly forward towards you.
3. Position the recess in the ring on the device so that it fits in the ring of the cradle.




4. Press the device into the cradle until you hear it lock in place.

Removing the NAVIGON 8100T From the Cradle

1. Press the button on top of the cradle.
2. Tilt the navigation device slightly forward towards you.
3. Remove the device from of the cradle.

Connecting an Optional GPS Antenna (Not Included)

With the **NAVIGON 8100T**, you can also use an external GPS antenna (not provided with the device).

1. Connect the GPS antenna to the external antenna/headset socket  (**GPS antenna**) on the **NAVIGON 8100T**
2. Secure the antenna to the mounting surface using the suction cups.

Optional Accessory Services

This optional accessory service is available for your **NAVIGON 8100T**:

- NAVIGON FreshMaps

Optional services are purchased separately.

Activate Accessory Services

Activating NAVIGON FreshMaps Accessory Service



Note: NAVIGON FreshMaps Disclaimer (General)


NAVIGON FreshMaps is a subscription whose duration is limited to the period described on the purchased product. Internet access and a USB cable (that includes a TYPE-A connector and a MINI-B connector) are required to use NAVIGON FreshMaps. Windows XP or Windows Vista is recommended. Download performance can vary based on bandwidth speeds (broadband internet access is required). To qualify for updates, customers must register their device and activate NAVIGON FreshMaps at www.navigon-usa.com/freshmaps within 60 days from the date of purchase or, if FreshMaps comes with your device, 60 days from the purchase date of the device. Software upgrades that could potentially change the user experience may be required to be downloaded in order to receive updates. NAVIGON FreshMaps updates are dependent on the updating of the product's underlying map database provided to NAVIGON by a third party. Therefore, the timing and availability of NAVIGON FreshMaps updates are subject to change based on when the third-party supplier provides updates to NAVIGON. Map data sizes increase and may necessitate additional storage capacity for which the customer will be solely responsible for providing. Retain proof of purchase. For further information, visit www.navigonusa.com.

To activate:

1. Go to www.navigonusa.com
2. Select the **Registration & Activation** tab.
3. Select **REGISTER YOUR NAVIGON DEVICE** and provide the requested information.
4. Select **ACTIVATE YOUR SERVICE ACCESSORIES**.
5. Follow on-screen instructions for activating this accessory service.

Basic Operations

Starting the NAVIGON 8100T

- Press and hold the  (On/Standby/Off) button for two (2) seconds, then release.
If password protection has been activated, the ENTER PASSWORD WINDOW opens.
 - Enter the password.
 - Tap the **Continue** button.

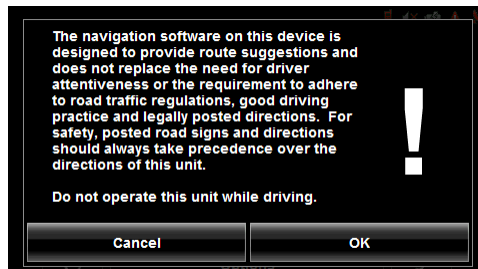


See “Security” on page 31 for more information on using passwords.

After being turned off, when the navigation device is turned back on, the following message appears:



Note: This message does not display if the device is turned back on from Standby.



1. After you have read and fully understood the text, tap **OK**.
The MAIN WINDOW displays.



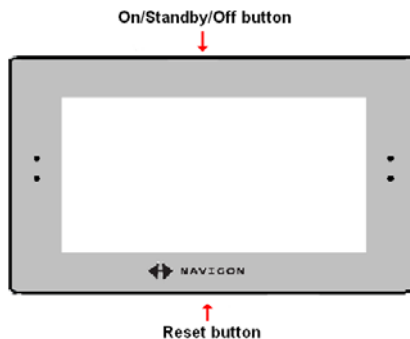
Note: If you do not accept these instructions, tap **Cancel** to exit the navigation software.

Turning off the NAVIGON 8100T



Note: When your device is not in use for an extended period of time, use this procedure to turn off your device and conserve battery power.

1. Press and hold the  (**On/Standby/Off**) button on the top of the device.




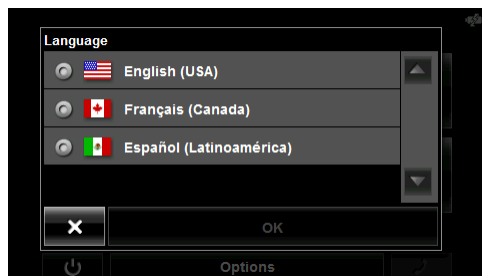
2. Use a stylus or paper clip to press the reset button located on the bottom of the device case behind the LED.

First Time Startup

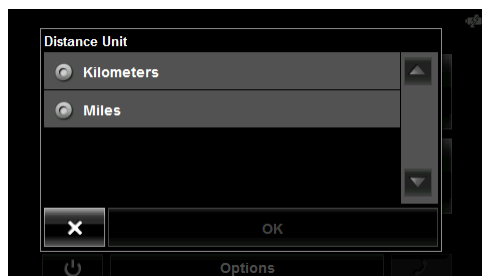
When you first start your device, the LANGUAGE SELECTION WINDOW displays.



Caution! Selecting the  (**Cancel**) button during these steps will cause the NAVIGON device to cease operation and will require the user to reset the device.

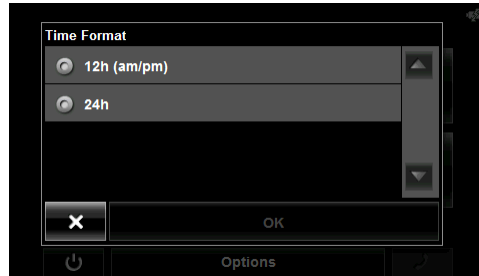


1. Select the appropriate language and tap **OK**.
The DISTANCE UNIT SELECTION WINDOW displays.

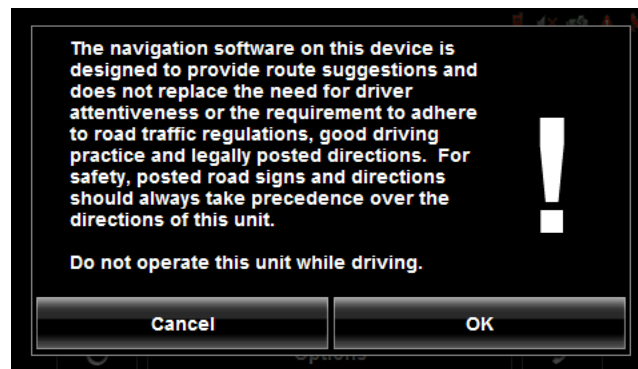


2. Select either **Kilometers** or **Miles** and tap **OK**.

The CLOCK SETTING WINDOW displays.



3. Select either **12h (am/pm)** or **24h** and tap **OK**.
The selected options will be used by the device.
The following message displays:



4. After you have read and fully understood the text, tap **OK**.



Note: If you do not accept these instructions, tap **Cancel** to exit the navigation software.

The MAIN WINDOW displays.



You can change these settings at any time. For more information, see "General Settings" on page 149.

Using the Screensaver



Note: When enabled, the screensaver displays a slide show of pictures when you have not touched the device after an extended period of inactivity.

Note: The screensaver is automatically disabled during navigation or when using voice entry.

Note: The screensaver must be disabled before setting a device password.

In the MAIN WINDOW:

1. Tap **Options > Settings > General**.
The GENERAL OPTIONS PAGE 1 displays.
2. On PAGE 3, in the **Screensaver** field, tap **Yes**.
3. Tap **OK** to save the change.

Selecting Day/Night Viewing Mode

In the MAIN WINDOW:

1. Tap **Options > Settings > General**.

On GENERAL PAGE ONE:

2. In the **Display mode** field, set the viewing mode. Options are:
 - Automatic** Automatically switch between day and night display, based on sunrise and sunset times.
 - Night** Display with darker colors for night viewing.
 - Day** Display normally for daytime use.



Note: Change day and night brightness levels in the **Brightness Day** and the **Brightness Night** fields.

3. When finished, tap **OK** to return to PAGE ONE.
4. Tap **OK** to save changes.



Viewing Version Information

You can view software version information. This information may be required if you call for customer support. Version information is also useful when NAVIGON offers software and map updates.

In the MAIN WINDOW:

1. Tap **Options > Settings**.

On the SETTINGS WINDOW:

2. Tap **Options > Product Information**.
3. Use  (**Up**) and  (**Down**) to view all of the information.

Using Standby Mode



Note: Use Standby mode only when your device will be unused for a very short time. If left in Standby mode for an extended period, battery drain can occur as the GPS receiver continues to draw power. For longer periods of inactivity, see “Turning off the NAVIGON 8100T” on page 18.

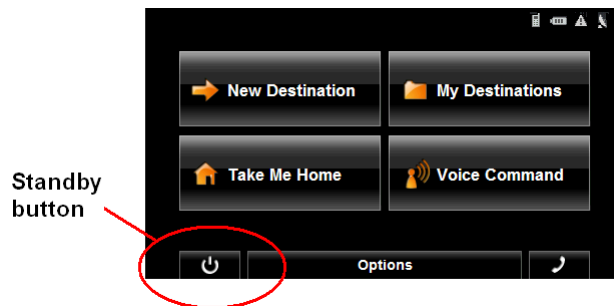
Note: To further conserve battery power, the device resets itself if left in Standby mode for a longer time.

Standby mode conserves battery power. When the device is switched back on from Standby, the window that displayed when the device was set to Standby re-displays.

There are two ways to switch your device to Standby.

From the Main Window

On the MAIN WINDOW:



- Tap the  (Standby) button.

From Any NAVIGON 8100T Window

- Press and hold the  (On/Standby/Off) button for two (2) seconds, then release.

Switching the Device Back On From Standby

To switch the Device back on:

- Press and hold the  (On/Standby/Off) button for two (2) seconds, then release.

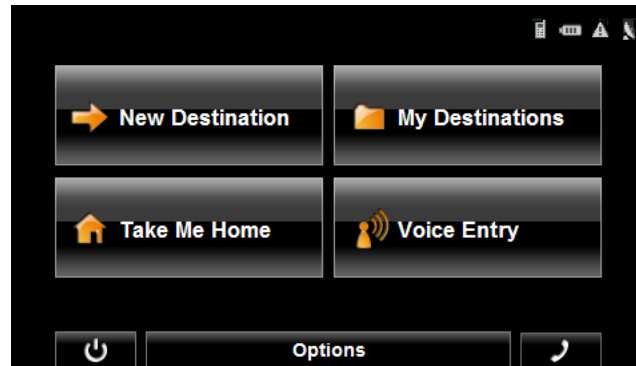


Note: If a password has been created for the device, the ENTER PASSWORD WINDOW appears when the device is switched back on from Standby. See “Security” on page 31 for more on using passwords.

The Main Window

The MAIN WINDOW opens when the navigation software starts.

You can reach all of the navigation software functions from this window.



New Destination

Tap this button to:

- Select an address as a destination. (See page 55.)
- Select a POI as a destination. (See page 58.)
- Select a Direct Access POI. (See page 65.)

My Destinations

Tap this button to select a destination from:

- A list of destinations you have saved. (See page 90.)
- A list of the most recently entered destinations. (See page 91.)
- A list of addresses imported from Outlook. (See page 83.)

Take Me Home

Tap this button to:


- Specify your home address as a destination. (See page 80.)
- Quickly create a route back to your home address from your present location. (See page 82.)

Voice Entry

Tap this button to:

- Select an address using voice entry. (See page 41)

The Standby Button

- Tap this button  to place the device on Standby and conserve power. (See “Using Standby Mode” on page 21 for more information.)

The Options Button

Tap this button to:

Activate an accessory service:

- Activate NAVIGON FreshMaps.

Access the Route Planning window to:

- Create a route. (See page 93.)
- Save a route. (See page 96.)
- Load a saved route. (See page 96.)
- Run a simulation of a route. (See page 103.)

Access the Settings window to set:

- Navigation options. (See page 147.)
- Route Profile options. (See page 149.)
- Map display options. (See page 148.)
- General options. (See page 148.)
- Additional Options button. (See page 150.)

Go to the GPS Status window to:

- View current GPS status and location information.
- Save the current location as a destination (GPS reception required). (See page 80.)

View the NAVIGON Lifetime Traffic window information. (See page 121.)

Go to the DirectHelp window. (See page 35.)

Hands-Free Operation (Bluetooth)

- Tap the  (Phone) button to open the Hands-Free module.

Initializing the GPS receiver




Note: If possible, position the device with a clear line of sight to the sky to successfully receive messages from the GPS satellites.

Note: GPS initialization requires data from at least three satellites. If GPS data is not available, the receiver will not initialize.

Note: It can take up to 20 minutes to initialize the integrated GPS receiver for the first time.

Note: Each time you turn on the device, GPS receiver initialization begins. When GPS data is available, reception starts within one minute.

If the navigation device has been switched to standby for more than a week, the next initialization can take up to 10 minutes.

In the upper right-hand corner of the display, the GPS symbol appears. As soon as data from at least 3 satellites is received, the symbol changes to  (**GPS Ready**).



Note: If the GPS symbol displays **GPS Ready** after considerably less than 20 minutes, it is advisable to leave the receiver switched on for at least an additional 15 minutes to ensure reliable operation.



Caution! The GPS receiver requires a constant supply of power. Leaving the device plugged into your cigarette lighter for a longer period with the vehicle turned off could drain the vehicle battery.

Setting the volume

The volume of the spoken driving instructions can be adjusted during navigation.


On the **NAVIGON 8100T**, there are two ways to adjust the volume.

Using Hardware Keys

Hardware keys on the sides of the device can be used to control volume.



On the left side of the device:

Tap  (**Mute**) to mute the volume. Tap again to restore volume.

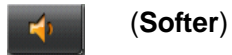
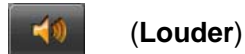
Tap **+** (**Louder**) to increase the volume.

Tap **-** (**Softer**) to lower the volume.

With a Map Displayed

1. Tap  (**Volume**).


The volume bar opens. It contains three buttons for adjusting the volume:




2. Tap  (**Volume**) again.

The volume bar closes.



Note: When you mute the volume, an icon  appears in the upper right corner of the screen, next to the Bluetooth, battery, traffic, and GPS icons. The icon disappears when the volume mute is turned off.

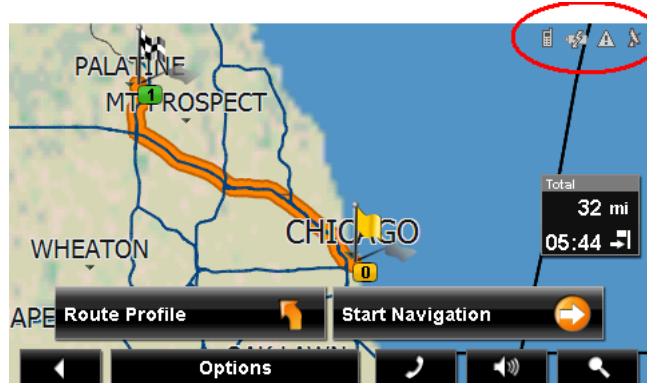
Returning to the Previous Window

On the **NAVIGON 8100T**, press the  (**Back**) hardware key to return to the previous window.



Viewing device status

Symbols located at the top right of the screen are used to display information.



GPS

The GPS symbol can show the following GPS reception status:

No Symbol The built-in GPS receiver is not operational. Contact customer service if the problem persists.



No Signal Data is being received from fewer than three satellites. Position cannot be calculated.



GPS Ready Data is being received from at least three satellites. Position can be calculated.



For more information, see “About GPS navigation” on page 7.

Power



For more information on recharging your device, see “Charging the battery” on page 12.

The Power symbol can display the following conditions of the built-in battery:



The device is powered by an external power source. The battery is charging.



The device is powered by its internal battery. Battery is fully charged.




The device is powered by its internal battery. Battery charge is sufficient.



The device is powered by its internal battery. Battery charge is low.



Caution! When the **No Battery** () icon displays, the battery has no power remaining. The device will soon turn off. See “Charging the battery” on page 12.

Caution! Do not attempt to replace the battery. For problems related to the battery, contact NAVIGON Customer Support.

Traffic Information (TMC)

The **NAVIGON 8100T**, with a car charger cable with integrated TMC antenna, provides the navigation system with up to date traffic messages. If necessary, it can alter the route dynamically in order to avoid a traffic jam.



Note: This function is only available if TMC traffic messages are being transmitted in the map area in which you are traveling. Traffic messages are not available in all areas.

Note: The charger cable does not need to be connected to the vehicle's cigarette lighter for the antenna to be operational.

Note: Without the antenna, TMC messages may not be received when the device is operating on battery power only.

The TMC symbol can display the following TMC reception status:

No Symbol

TMC is not operational.



Tuning

TMC is operational, but cannot find a station that is transmitting TMC signals.



No Reception

Traffic messages are no longer being received, but there are still traffic messages in the queue that have not expired.



TMC Ready

Traffic messages can be received.



For more information, see “Displaying traffic messages” on page 121.

Phone/Bluetooth

The **NAVIGON 8100T** has an integrated Bluetooth hands-free (Bluetooth) module. This enables you to use the device as a hands-free kit for a mobile phone with Bluetooth capability.

For more details see “Hands-Free Operation (Bluetooth)” on page 127.

The Phone icon displays the following states of the hands-free module:

No Symbol Bluetooth is disabled. See “Configuring the Hands-Free function” on page 141 to enable the Hands-Free operation.



Not Connected Bluetooth is available, but the **NAVIGON 8100T** is not connected (paired) with a mobile phone.



Connected The **NAVIGON 8100T** is paired to a mobile phone and can be used for making and receiving calls.




In Use The **NAVIGON 8100T** is paired to a mobile phone and is currently in use making or receiving a phone call.

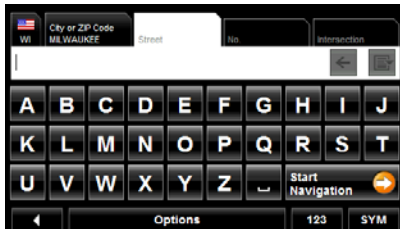
Using Keyboards

Software keyboards appear on the screen when text entries are necessary. All entries can be made on the software keyboard using the fingertips. Only capital letters can be entered. Three keyboards are available for entering destination information.



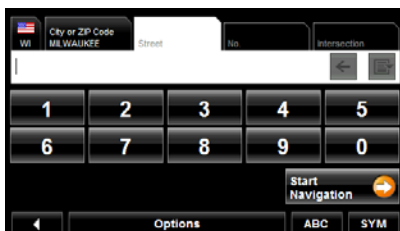
Note: When you need to enter a hyphen, use the space button  in place of the hyphen. For example, to enter a hyphenated house number of 20-36 tap two, zero, space, three, six.

Alphabetic keyboard



Tap **ABC** to display the alphabetic keyboard.
Only capital letters can be entered.

Numeric keyboard



Tap **123** to display the numeric keyboard.

Special character/symbol keyboard



Tap **SYM** to display the special character keyboard.
As soon as you have entered a special character, the Alphabetic keyboard reappears automatically.

Special keys



On the Alphabetic keyboard, enters a space character.
This key is also used to enter a space in place of a hyphen.



On the Alphabetic and Numeric keyboards, deletes the previous character and moves the cursor back one space.



On the Alphabetic and Special Character keyboards, opens the Numeric keyboard.



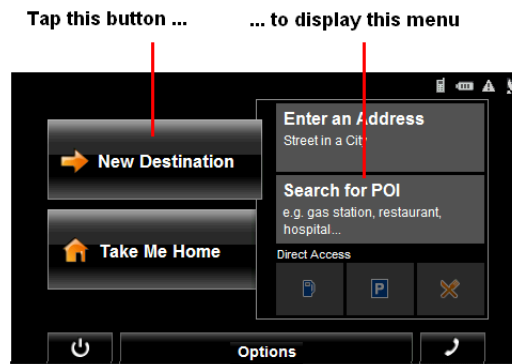
On the Numeric and Special Character keyboards, opens the Alphabetic keyboard.



On the Alphabetic and Numeric keyboards, opens the Special Character keyboard.

Using menus

Some buttons display menus with options that can be selected.



To open a menu:

- Tap on a button to show the menu options.

To close a menu without selecting a function:

- Tap on the button again.

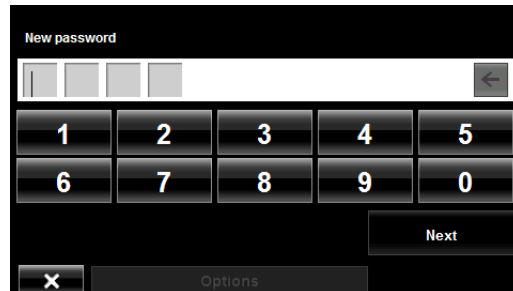
Security

By using a password, you can protect your navigation system from unauthorized use.



Note: Password protection takes effect the next time the **NAVIGON 8100T** is switched to standby mode. See “Using Standby Mode” on page 21.

The Password Window



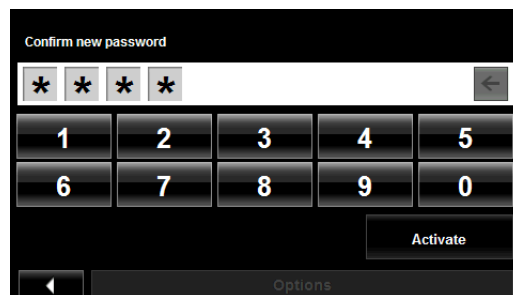
Setting a password



Note: If the screensaver is active, it must be disabled before setting a device password.
Note: The password must be exactly 4 digits.

In the MAIN WINDOW:

1. Tap **Options > Settings**
The SETTINGS WINDOW opens.
2. Tap **Options > Password Lock**.
The PASSWORD LOCK WINDOW opens.
3. In the **New password** field, type the new password.
4. Tap **Next**.
5. Re-type the new password in the **Confirm new password** field.

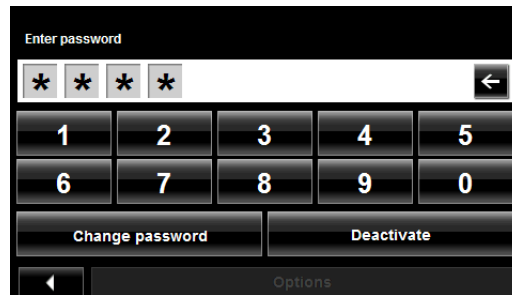


6. Tap **Activate**.

Changing a password

In the MAIN WINDOW:

1. Tap **Options > Settings**.
The SETTINGS WINDOW opens.
2. Tap **Options > Password Lock**.
The PASSWORD LOCK WINDOW opens.



3. Type the current password in the **Enter Password** field.
4. Tap **Change Password**.
5. Type the new password in the **New password** field and tap **Next**.
6. Re-type the new password in the **Confirm new password**.
7. Tap **Activate**.

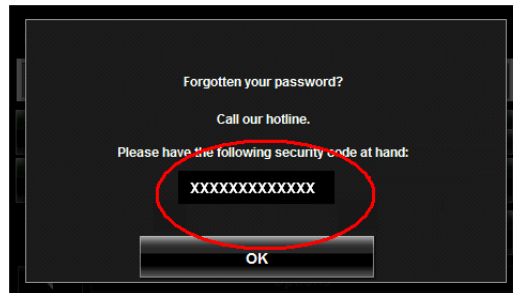
Canceling password protection

In the MAIN WINDOW:

1. Tap **Options > Settings**.
The SETTINGS WINDOW opens.
2. Tap **Options > Password Lock**.
The PASSWORD LOCK WINDOW opens.
3. Type the current password in the **Enter Password** field.
4. Tap **Deactivate**.

Forgotten your password?

After three unsuccessful attempts, the device displays the following message.



1. Record the device number shown on your device.
2. Call our customer support at:
(888) 848-0701 (Toll Free)
Monday through Friday, 7 a.m. to 9 p.m. CT
(except official holidays)
3. Follow the instructions to reset your password.

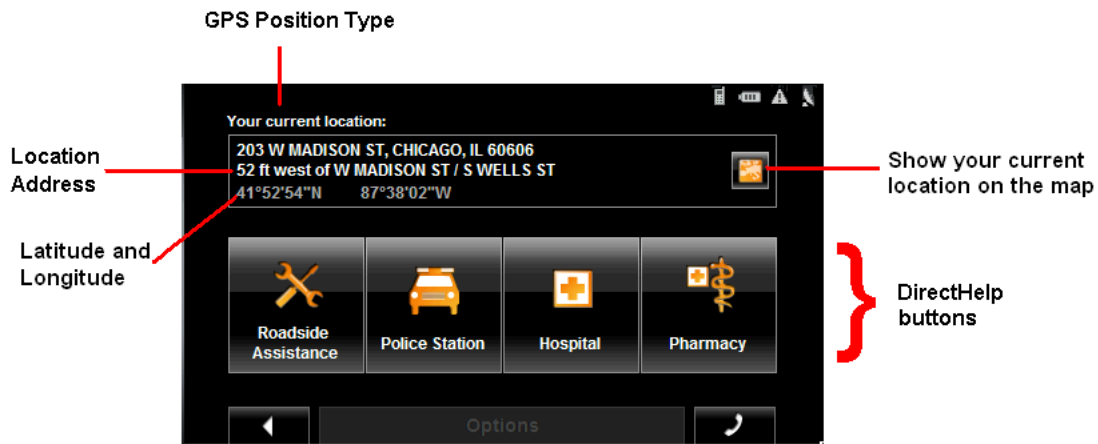
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DirectHelp

The NAVIGON DirectHelp feature offers speedy access to emergency POIs. You can quickly find a telephone number and make an emergency call (when paired with a mobile phone), find an address, get directions, and drive to help. DirectHelp also provides you with directional distance to the nearest intersection, and your latitude/longitude location. This information can help emergency personnel quickly come to your assistance.

DirectHelp is available at any time, while you are on-route or off, and with or without GPS reception. The last known GPS position is used when GPS reception is not available. With GPS, you can quickly find help and calculate a route to a DirectHelp POI.

The DirectHelp Window



GPS Position Type

The location type indicates whether GPS reception is available or not. If the location type is:

- Simulated Position:** Displays only once when neither current or historical GPS position is available. Shown at time of purchase or whenever the device is reset.
- Your current location:** GPS reception is available. Your current location is shown in the **Location Address** field.
- Your last location:** GPS reception has been lost. The last GPS location is shown in the **Location Address** field.

Location Address

With GPS reception, the distance to the intersection closest to your present location is shown. If GPS is not available, this is the approximate distance to the closest intersection from the last known GPS position. If the device is located:

- On an Unnamed Road** **Unnamed Road** appears with the distance and direction to the nearest navigable intersection.
- Off Road** **Off Road** appears with the distance and direction to the nearest navigable intersection.



Latitude/Longitude

The latitude and longitude of your current location.



Note: The format of the latitude and longitude can be changed. See “Selecting options” on page 151.

Show Your Current Location on the Map

View your location on a map. Once a DirectHelp POI is selected, tapping this button centers the map on the location of the selected POI. The selected POI is shown as a gray circle. If you have enabled the display of the particular POI icon category (such as Healthcare for Hospital) in map display, the icon and label of the selected POI appears on the map. Changing the zoom level ( **Zoom In**) or  **Zoom Out**) affects whether the icons display.

The crosshairs indicate the center of the map. The name of the POI closest to the center of the map is shown.



DirectHelp buttons

Four DirectHelp POI categories are available:



Roadside Assistance



Police Station

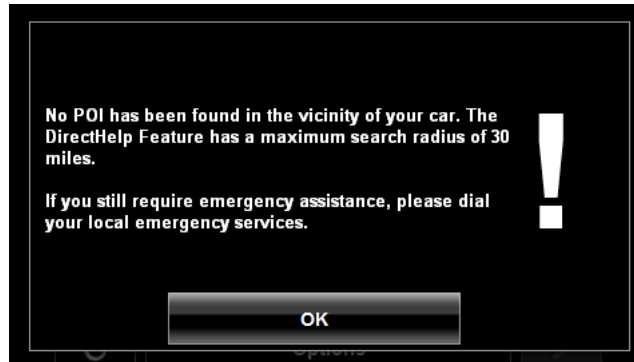


Hospital



Pharmacy

DirectHelp returns up to 10 POIs within a 30 mile radius of your location, with the closest POI shown first. If no POIs are found, the following message displays:



If no emergency POIs are found, seek assistance in the usual manner.

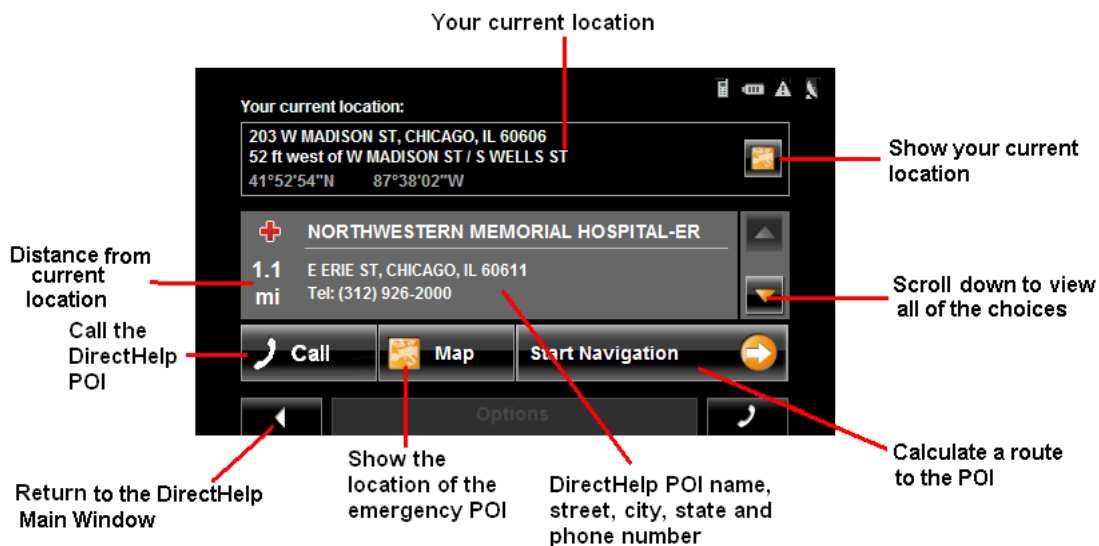
Using DirectHelp




From the MAIN WINDOW:

1. Tap **Options > DirectHelp**.
The DIRECTHELP WINDOW opens.



2. Tap on the DirectHelp category button for the type of help you need.
The DIRECTHELP DETAIL WINDOW displays.



3. Use the  (**Down**) and  (**Up**) buttons to select an emergency POI.
4. Tap the  (**Map**) button to show the location of the selected emergency POI.
5. Tap the **Start Navigation** button to calculate a route to the POI.




Note: If GPS reception has been lost, the route is calculated from the last recorded GPS location.

Calling a DirectHelp POI



Note: This feature is only available when the **NAVIGON 8100T** is connected to a mobile phone using Bluetooth and the phone is within a coverage area. For more information, see “Connecting (Pairing) with a Mobile Phone” on page 129.

1. Tap **Options > DirectHelp**.
The DIRECTHELP WINDOW opens.
 2. Follow procedures in “Using DirectHelp” on page 38 to select an emergency POI.
 3. Tap  (**Call**) to call the selected emergency POI.
-



Note: The Call Direct Help POI button is not available if a phone number for the selected emergency POI is not available.

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Using Voice Destination Entry



Caution! Please be sure to read, understand, and follow the safety information in “Important safety information” on page 10.

You can speak the city, street and house number for your destination and the **NAVIGON 8100T** shows you a list of destinations that match your city and street spoken entry. If necessary, you can also change the destination.

Because **NAVIGON 8100T** voice destination entry ‘learns’ from previous commands, returning correct destinations becomes faster and easier over time.

The Audio Assistant is used to set spoken entry settings.

General Instructions

When using voice destination entry, always:

- Speak at a normal rate and clearly say each syllable in the city and street names.
- Speak directly toward the **NAVIGON 8100T** microphone.
- Provide as much information as possible. Include the directional info (North, South, East, West) and the street type (Street, Lane, Avenue, Boulevard, etc.). A spoken entry of “East Madison Street” returns a much shorter list of possible matches than an entry of “Madison”.

Languages

When using voice destination entry, speak the address in the language of the location. In the United States and all Canadian provinces except Quebec, speak the name of the location in English. For locations in Quebec, where the language is French, speak the French name of the province, city and street in the location language. Speak the house number in the language used on the **NAVIGON 8100T**.

For example:

If you are looking for a location in:	And the NAVIGON 8100T Language is:	Say:	
		The State/Province, City and Street Name in:	The House Number and answer questions in:
New York	English	English	English
New York	Spanish	English	Spanish
Quebec	English	French	English
Quebec	French	French	French
Quebec	Spanish	French	Spanish

Street, Highway, Route Names



Note: See “House Numbers” on page 42 for instructions on entering house numbers.

When using voice destination entry, consider the guidelines below:

Numbered Routes	Rule	Example	Spoken as
0 - 99	Say each one or two digit number as it appears, NOT by the individual digits that make up the number.	IN-2 CA-99	INDIANA Two CALIFORNIA Ninety-Nine
100-999	Say the first digit by itself and the second and third digits as a separate number. Exception: If the second digit is a zero, it is pronounced as the letter ‘O’ and the first and third digits are pronounced individually.	I-580 WI-158 US-101	I Five Eighty WISCONSIN One Fifty Eight (Exception) U.S. One O One
1,000-9,999	Say the first two digits as one number and the second two digits as another number. Exception: Some alternates can be used when a zero appears within the name.	1234 RD 1201 ST 1001 AVE	Twelve Thirty Four Road Twelve O One Street One Thousand One Avenue (Exception) Ten O One Ave

House Numbers

Speak house numbers using the following conventions:

For:	Rule	Example	Spoken as
Numbers	Say numbers as individual digits.	241 12358	Two Four One One Two Three Five Eight
Zeros	Always say “Zero” rather than the letter “O”.	302 14030	Three Zero Two One Four Zero Three Zero

Background Noise

NAVIGON 8100T voice destination entry works best in an environment with a minimal amount of background noise. Possible sources of noise include:

- Open windows
- Passengers/bystanders talking
- Heating/Air conditioning
- Engine/traffic noise
- Radio/CDs

Reducing background noise improves spoken entry performance.

Setting Up Voice Destination Entry to Recognize Your Voice

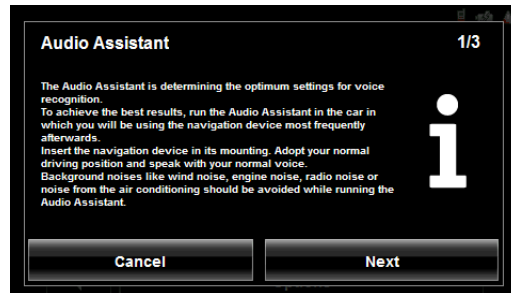
The first time you use voice entry, the Audio Assistant displays and is used to set the **NAVIGON 8100T** to recognize your voice.



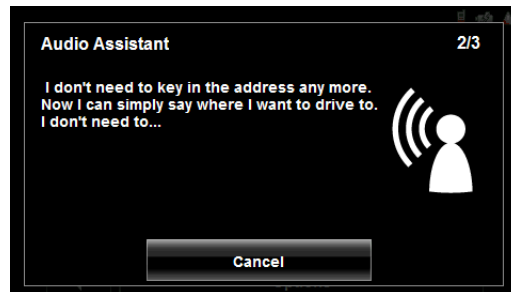
Note: If another person is to use voice entry, repeat this procedure to calibrate voice entry to a different voice.

On the MAIN WINDOW:

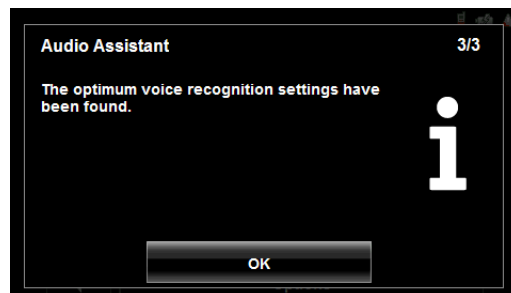
1. Tap **Voice Entry**.
The AUDIO ASSISTANT PAGE ONE displays.



2. Review the displayed information and reduce or eliminate any unnecessary background noise.
3. Tap **Next**.
The AUDIO ASSISTANT PAGE TWO displays.



4. After the tone, speak the words displayed on the window.
5. Continue speaking until the AUDIO ASSISTANT PAGE THREE displays.



6. Tap **OK**.
The MAIN WINDOW re-displays.
You can now start using voice entry to select destinations.

Restarting Audio Assistant

If you reset your **NAVIGON 8100T** or if another person will be using the device, you should run Audio Assistant again.

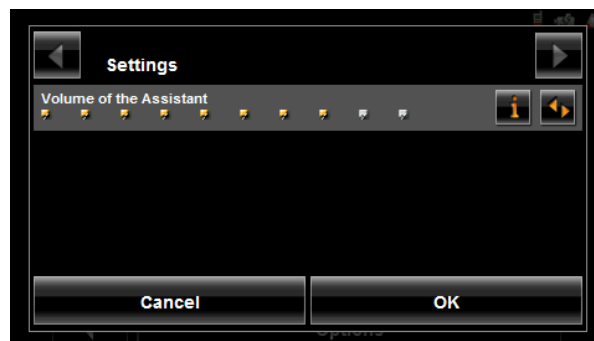
From the VOICE ENTRY MAIN WINDOW:



1. Tap **Options > Audio Assistant**.
2. See “Setting Up Voice Destination Entry to Recognize Your Voice” on page 44 to set up voice recognition.

Select Audio Assistant Volume

From the VOICE ENTRY MAIN WINDOW:

1. Tap **Options > Settings**.
The AUDIO ASSISTANT SETTINGS WINDOW displays.
The orange boxes indicate the volume.



2. To increase the volume, tap  (**Toggle**). The more orange boxes, the louder the volume.
3. To decrease the volume, tap  (**Toggle**) to increase the volume until the all boxes are orange. Tap again to clear all of the orange boxes and start at the lowest volume setting.
4. When finished, tap **OK**.

The Voice Destination Entry Main Window

On the VOICE ENTRY MAIN WINDOW, destination can be entered either by speaking or by tapping a button and entering the information.

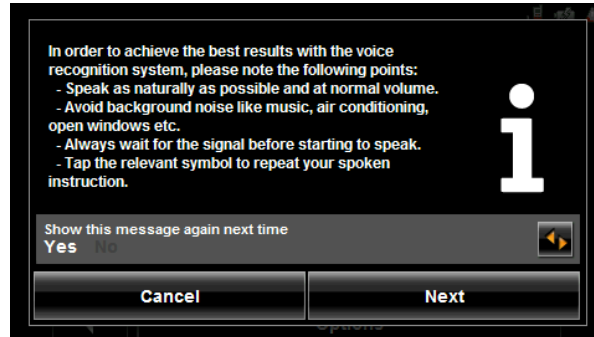
Before using Voice entry, see “Setting Up Voice Destination Entry to Recognize Your Voice” on page 44.




Selecting a Destination using Voice Entry

On the MAIN WINDOW:

1. Tap **Voice Entry**.

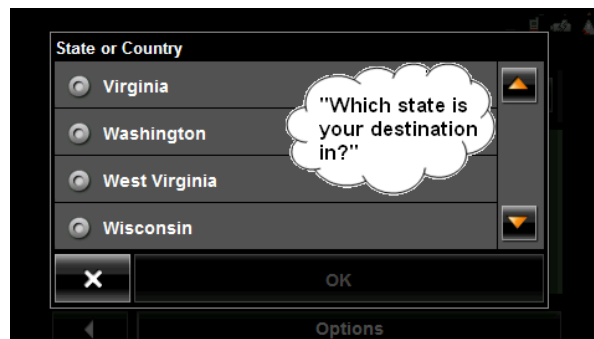


2. Review the displayed information. To hide the message from showing next time voice entry is used, tap  to **No**.
3. When ready, tap **Next**.
The VOICE ENTRY MAIN WINDOW displays the last selected state/province.

4. To select a different state/province, tap  (**List**).

The STATE OR COUNTRY WINDOW displays.

This screen lists states in the U.S. and provinces in Canada.



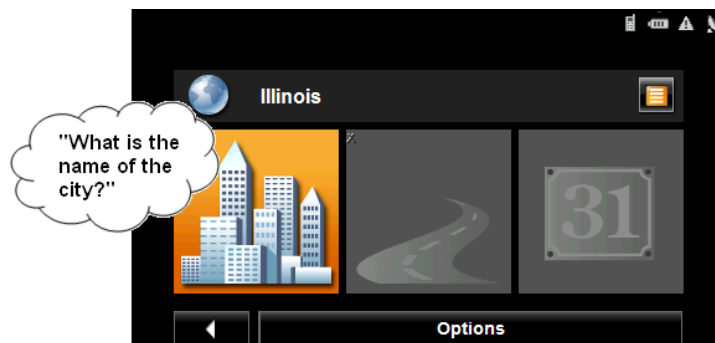
The first time voice entry is used, the STATE OR COUNTRY WINDOW displays automatically.

5. Say or tap on the name of the state/province.
The voice prompt asks you to confirm your entry.
6. If the state/province is:
 - Correct, say **“Yes”**.
 - Incorrect, say **“No”**. After the prompt repeat the above steps to select the correct state/province.

Once the state/province is selected the VOICE ENTRY MAIN WINDOW re-displays.

You are prompted for the city name.

7. After the tone, say the city name.



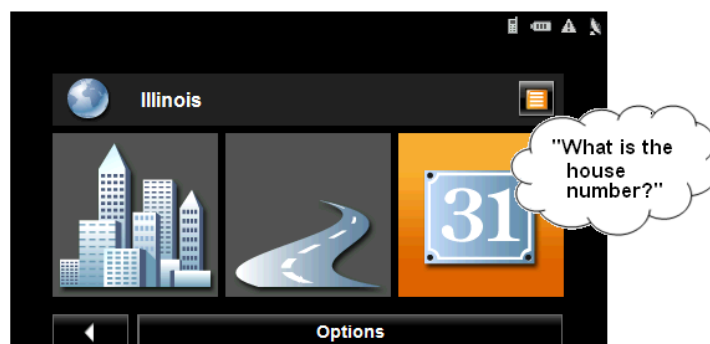
You are prompted for the street name.

8. After the tone, say the street name.

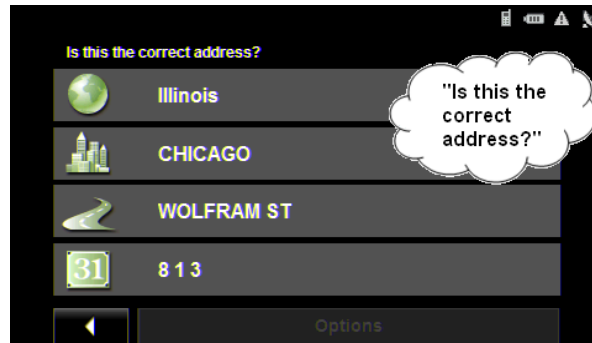


You are prompted for the house number.

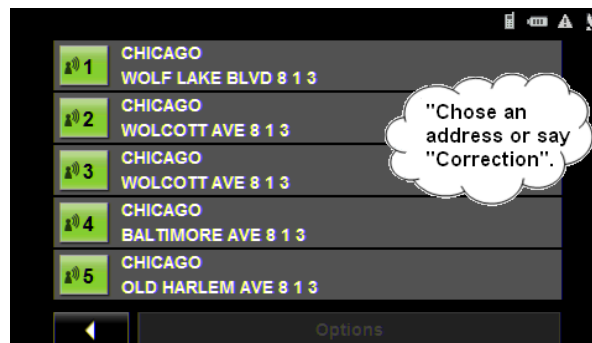
9. After the tone, say the house number.



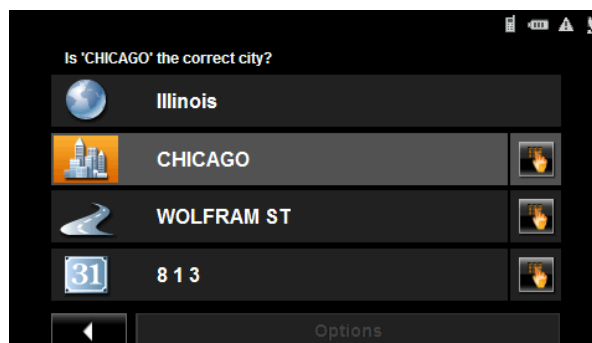
The **NAVIGON 8100T** calculates and returns the address that most closely matches your spoken address information on the VOICE ENTRY CONFIRMATION WINDOW.



10. After the voice prompt, if the address is:
- Correct, say **"Yes"**. A route is calculated and navigation begins.
 - Incorrect, say **"No"** to display the VOICE ENTRY SELECTION WINDOW.



11. After the prompt, if the spoken address is:
- Correct, say **"Yes"**.
 - Incorrect but the correct address is listed on the window, say the number (i.e. if 813 Baltimore Ave, Chicago is correct, say **"Four"**).
 - Incorrect and the correct address is not shown, say **"Correction"**.



The VOICE ENTRY CORRECTION WINDOW displays.

After each voice prompt, say the city, street, and house numbers again.

or

To exit voice entry and enter the address manually, tap  (**Manual entry**).

A voice prompts asks if you want to exit.

12. Say “Yes”.

The DESTINATION SELECTION WINDOW displays.

13. Follow steps for selecting the destination manually.



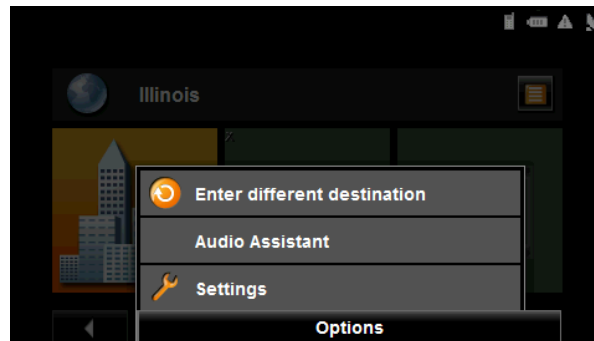
Note: For more information on manually entering a location, see “Enter an Address” on page 54.

Selecting a Different Destination Using Voice Entry

If the returned address is not the destination you want, you can restart voice entry destination and specify a different destination.

On the VOICE ENTRY MAIN WINDOW:

- Tap **Options** > **Enter a different destination**.



Destination Selection



Caution! Please be sure to refer to the safety information in “Important safety information” on page 10.

New destinations for the **NAVIGON 8100T** are destinations that you have not yet navigated to or those that you have not yet stored.



You can enter an address, select a POI, or select a destination from the quick search function.

Using auto-complete to select a destination

When you enter a city name, after you type the first letter, the largest city in the search area appears on the CITY OR ZIP CODE TAB. On the keyboard, the only keys available are for the next valid character in a search area name.



To select:

- The city shown, tap  (OK).
- A different city, continue typing the city name until the correct city is shown on the CITY OR ZIP CODE TAB. Tap  (OK) to select the city.



When entering characters, tap the  (Back) button to delete the previous character and move the cursor back one space.




Note: The auto-complete feature is not available for all locations.

The Search Area Tab

When you enter the **New Destination** button on the MAIN WINDOW, the SEARCH AREA keyboard opens. If you are selecting a destination for the first time, the tab appears blank.



The  (**Search Area**) tab, used to select a map area, is located at the top left corner of the destination selection window.

Once an area is selected, a code on the button reflects the selection and the flag of the country appears above it. For example:

If “IL - Illinois” is selected, the tab displays as:



If “QC-Quebec” is selected, the tab displays as:



Note: Only areas that are represented in the currently loaded map can be selected.

Search Areas

Selecting a Search Area Using the Keyboard


To select an area, do the following:

On the MAIN WINDOW:

1. Tap **New Destination > Enter an Address**.
The DESTINATION SELECTION WINDOW opens and displays the Alphabetic keyboard.
2. Tap on the SEARCH AREA TAB.
3. Tap the key of the first character in the state/province within which your location is located.
For example, tap “I” for Idaho.




The name of the first search area beginning with the selected character is shown. On the keyboard, the only keys available are for the next valid character in a search area name.

4. Tap the next characters in the search area name.
5. When the correct state/province name is shown, tap  (OK).

Selecting a Search Area From a List

When you enter the New Destination button on the Main window, the SEARCH AREA keyboard opens. To select an area, do the following:


On the MAIN WINDOW:

1. Tap **New Destination > Enter an Address**.
The DESTINATION SELECTION WINDOW opens.
2. Tap on the SEARCH AREA TAB.
3. Tap  (**Area List**).
A list of search areas displays.



Show or hide a
list of search areas

List of search areas

4. Tap on the state/province in which your destination is located.
5. Tap  (OK).

Ways to Search for Destinations

Enter an Address

You can find an address by entering the state/province, city, street and house number.

Search for a POI

Points of Interest, (POIs) are useful locations that are organized according to particular criteria. POIs include airports, restaurants, hotels, gas stations, government offices, banks, hospitals, shopping centers, etc. Icons representing the POIs can be displayed on the map.

You can search for POIs:

- | | |
|---------------------|---|
| Nearby | POIs nearby are special destinations that are located within a given radius of your current location. This means you can always find the nearest gas station, for example, no matter where you are. |
| In a City | POIs in a given location can be useful when navigating in an unfamiliar town. |
| Statewide | Popular POIs and POIs of national significance in a state/province. Includes airports, national parks, historic sites, etc. This enables you to find places of interest within a state/province. |
| Near a Selected POI | Select a location, then search for POIs near it. For example, search for restaurants close to an airport. No GPS reception is required for this type of search. |

Select a Direct Access POI

POI direct access system contains three categories of special destinations. POIs in your vicinity that correspond to these categories can be listed quickly, without the need for additional entry.

Tap on the Map

You may indicate a destination directly on the map. In addition to towns and streets, you may also select POIs.



Note: Only areas that are represented in the currently loaded map can be selected.

Entering an address

When searching for a location, you do not have to enter all of the address details.

If you do not know the house number, leave the **No.** tab blank. On the **Intersection** tab, enter the name of a nearby cross street and the navigation system calculates a route to the intersection of the specified streets.

In the MAIN WINDOW:

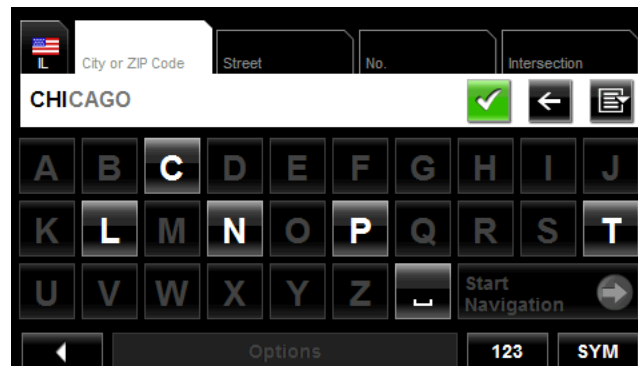
1. Tap **New Destination > Enter an Address.**


The DESTINATION SELECTION WINDOW opens. The search area used in the previous search is shown on the SEARCH AREA TAB.



Note: To select a different search area, tap on the SEARCH AREA TAB, and select the state/province.

The CITY OR ZIP CODE tab opens.

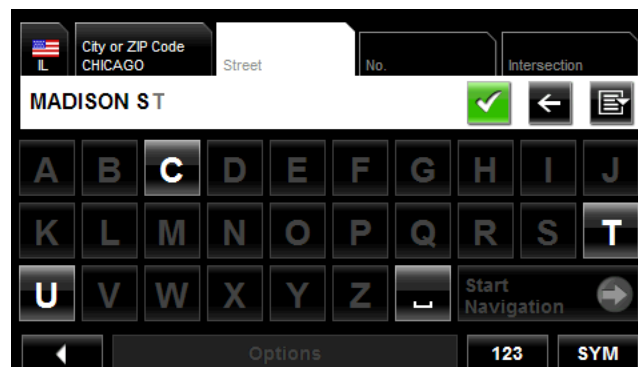



2. Enter the city name or Postal code, then tap  (OK).
 - Use the Alphabetic keyboard to type a city name, or
 - Use the Numeric keyboard to type the zip or postal code
 - Switch between the Alphabetic and Numeric keyboards to type a Canadian postal code.

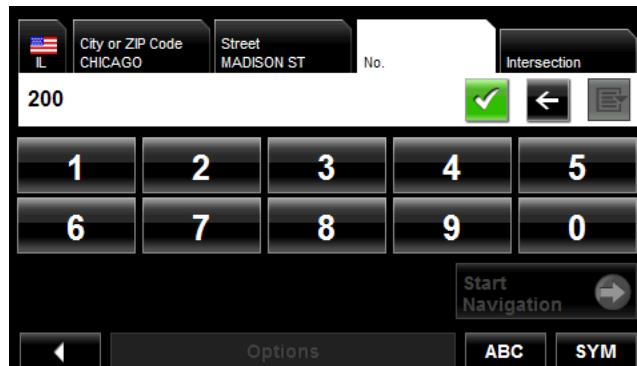



Note: You can specify just a city name if you prefer a route to the center of the city.
Note: Only the first three characters of a Canadian postal code are supported.

The STREET TAB opens.



3. Enter the name of the destination street, then tap  (OK).
The No. TAB opens.



4. Enter the house number, then tap  (OK).

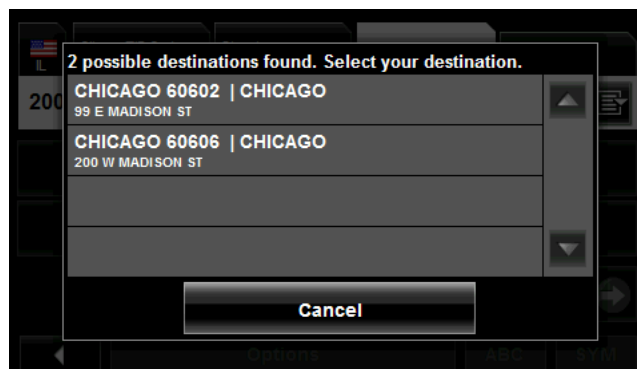
If you do not know the house number:

- Leave the **No.** tab blank. On the **Intersection** tab, enter the name of a nearby cross street and the navigation system calculates a route to the intersection of the specified streets.
- Tap **Start Navigation** to route to just the street.

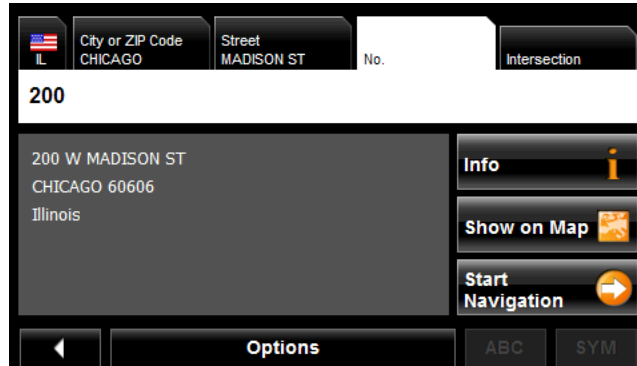
If more than one location is found that matches your destination selection info, the **NAVIGON 8100T** displays a list of locations.



Note: The search is performed on the street name and type, directional information (such as North, South, East and West) is not used in the search. The returned list of addresses will have specified street name with any directional indicator.



5. Tap on a location to select it.



6. Tap **Start Navigation**.
The map opens in *Preview mode*.




For more information, see “Starting navigation” on page 73.

Selecting a Point of Interest (POI) destination

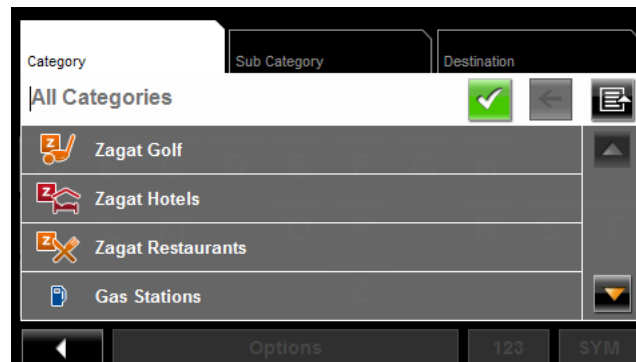
POIs nearby



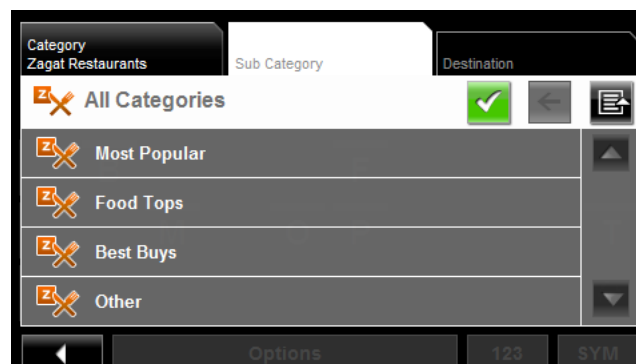
Note: GPS reception must be sufficient to determine your current position. You can see if GPS reception is sufficient by looking at the  (**GPS Ready**) symbol. For more information, see “GPS” on page 26.

In the MAIN WINDOW:

1. Tap **New Destination** > **Search for POI** > **Nearby**.
The CATEGORY tab opens.

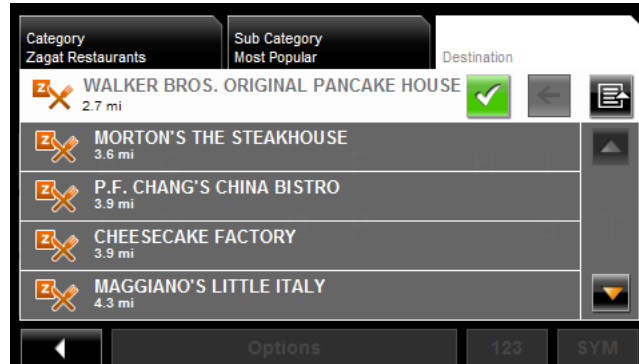


2. Tap on the category from which you would like to select a POI.
The SUB CATEGORY tab opens.

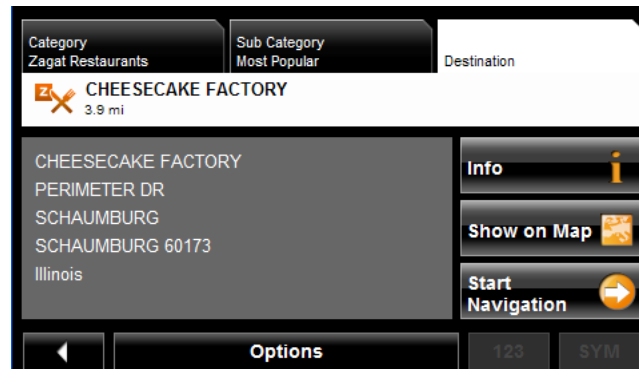


3. Tap on the subcategory from which you would like to select a POI.
The DESTINATION TAB opens.

If more than one location is found that matches your destination selection info, the **NAVIGON 8100T** displays a list of locations.



4. Tap on the name of the destination.
Information for the selected POI displays.



5. Tap **Start Navigation**.
The map opens in *Preview mode*.



For more information, see "Starting navigation" on page 73.

POIs in a specified city

On the MAIN WINDOW:

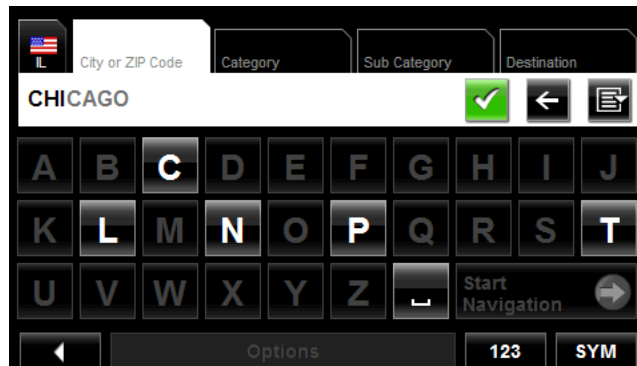
1. Tap **New Destination > Search for POI > in a City**.


The DESTINATION SELECTION WINDOW opens. The search area used in the previous search is shown on the SEARCH AREA TAB.



Note: To select a different search area, tap on the SEARCH AREA TAB, and select the state/province.

The CITY OR ZIP CODE tab opens.

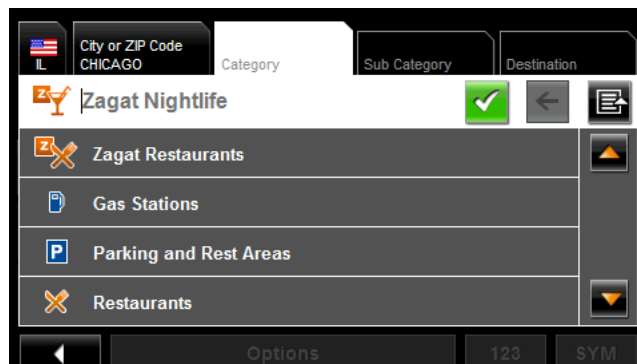


2. Enter the city name or ZIP code, then tap  (OK).
 - Use the Alphabetic keyboard to type a city name, or
 - Use the Numeric keyboard to type the zip code.
 - Switch between the Alphabetic and Numeric keyboards to type a Canadian postal code.

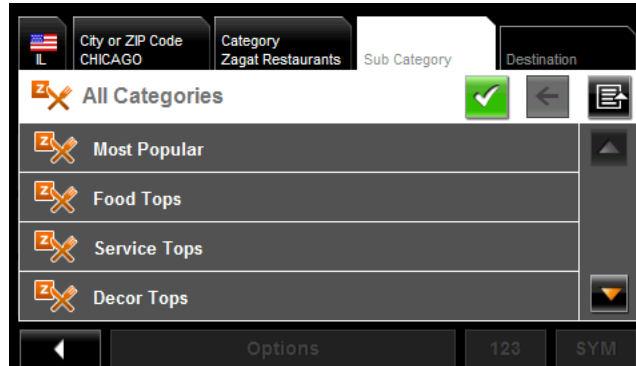


Note: Only the first three characters of a Canadian postal code are supported.

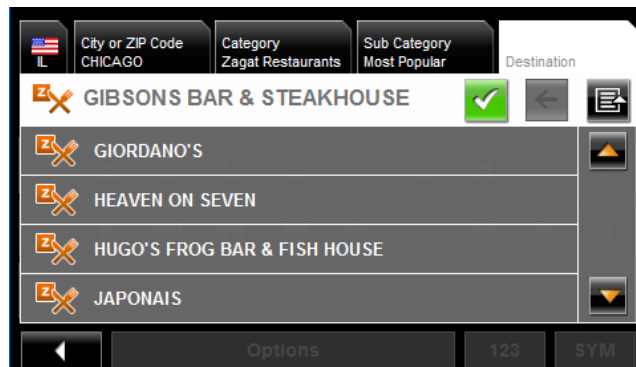
The CATEGORY TAB displays.



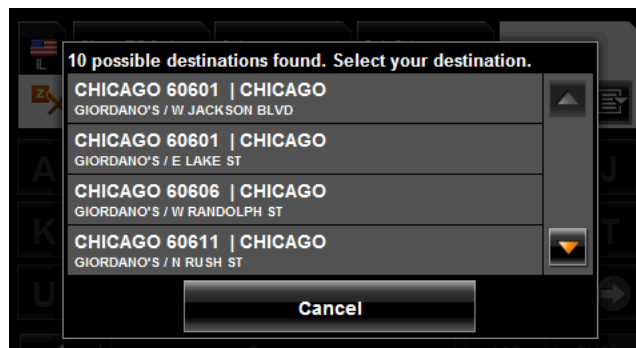
3. Tap on the category from which you would like to select a POI.
The SUB CATEGORY TAB displays.



4. Tap on the subcategory from which you would like to select a POI.
The DESTINATION TAB opens.



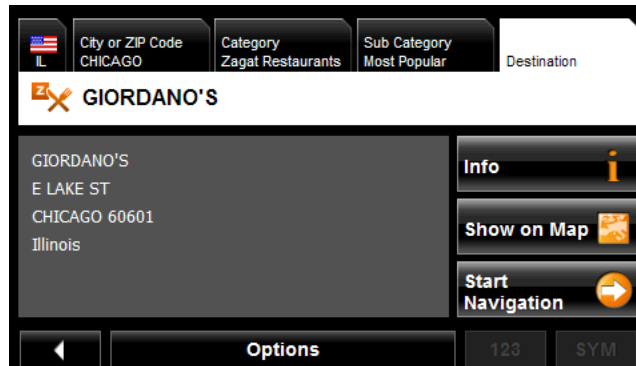
5. Tap on the name of the destination.
If more than one location is found that matches your destination selection info, the **NAVIGON 8100T** displays a list of locations.



6. Tap on the location you want.
The DESTINATION TAB displays information on the selected POI.



For more on POI information, see “Information about the POI” on page 67.



7. Tap **Start Navigation**.
The map opens in *Preview mode*.

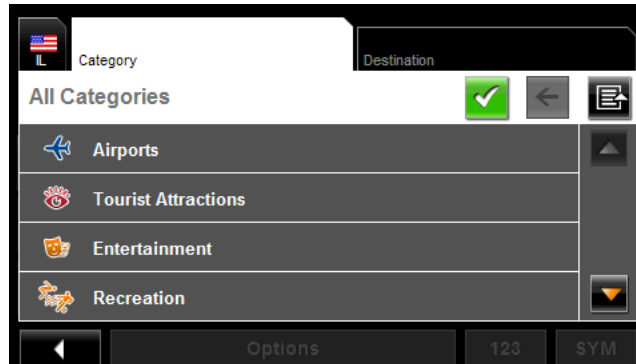


For more information, see “Starting navigation” on page 73.

Statewide POIs

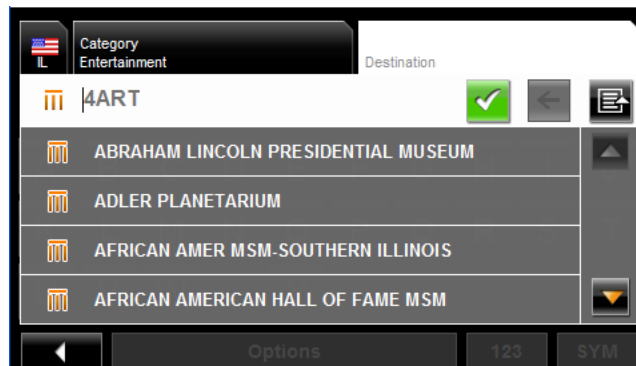
In the MAIN WINDOW:

1. Tap **New Destination > Search for POI > Statewide**.
The STATEWIDE POI WINDOW opens.

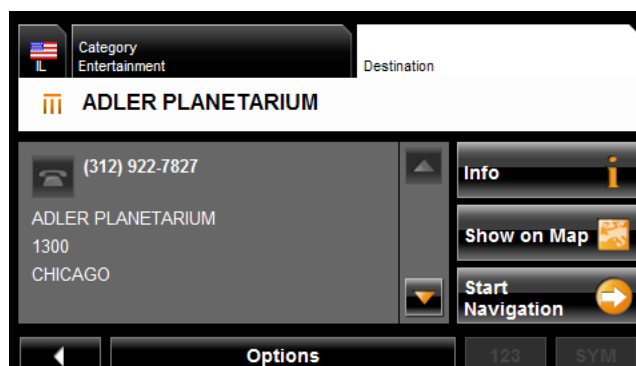


2. Tap on the category from which you would like to select a POI.
The DESTINATION TAB opens.

If more than one location is found that matches your destination selection info, the **NAVIGON 8100T** displays a list of locations.



3. Tap on the name of the POI.
The DESTINATION TAB displays information on the selected POI.





For more on POI information, see “Information about the POI” on page 67.

4. Tap **Start Navigation**.


The map opens in *Preview mode*.



For more information, see “Starting navigation” on page 73.

Selecting a Direct Access POI



Note: Sufficient GPS reception is required for Direct Access POIs. You can check GPS reception by looking at the  (**GPS Ready**) symbol.

When you receive your device, the following 3 POI categories are selected for direct access:

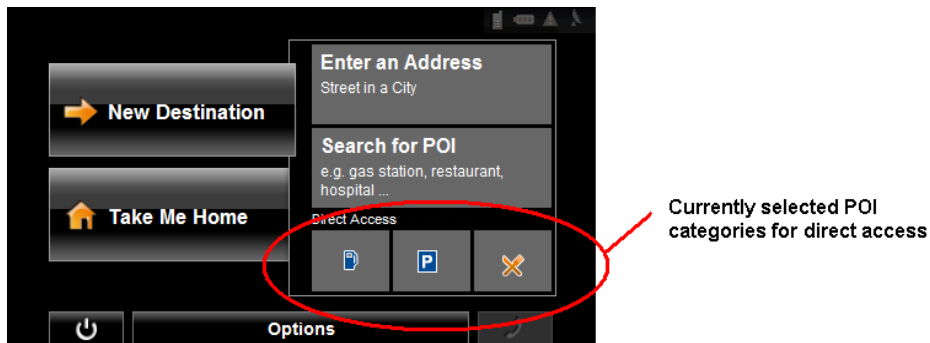
- Gas Stations
- Parking
- Restaurants.



Note: To select other types of POIs for direct access, see “Specify Direct Access POI categories” on page 66.

In the MAIN WINDOW:

1. Tap **New Destination**.

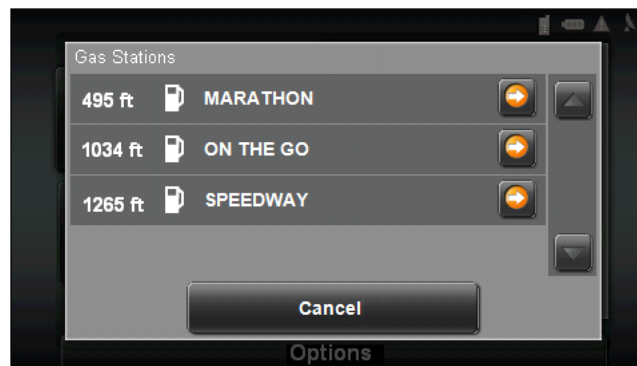


The NEW DESTINATION MENU opens.

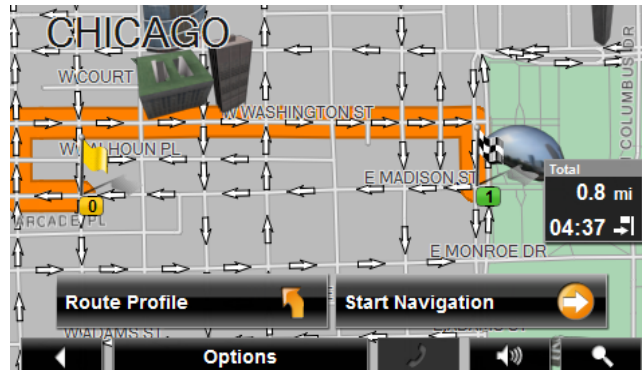
The symbols of the categories which have been selected for direct access can be seen in the menu at the bottom.

2. Tap on a category from which you would like to select a POI.

The **Name of the Destination** list opens. It contains the nearest POIs in the specified category, sorted by distance.



3. Tap on the name of the destination.
The map opens in **Preview** mode.

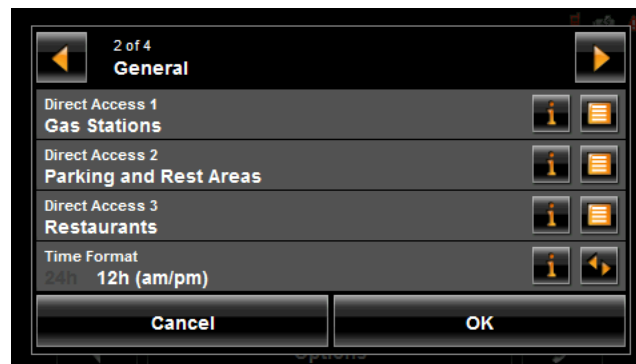



For more information, see “Starting navigation” on page 73.

Specify Direct Access POI categories

In the MAIN WINDOW:

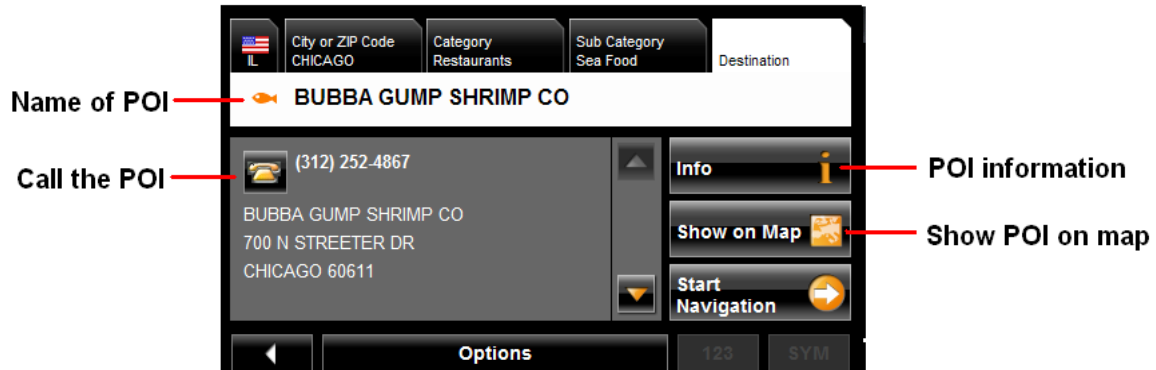
1. Tap **Options > Settings > General**.
2. Use  (**Next Page**) to go to PAGE TWO.







3. In the **Direct Access 1** field, tap  (**List**) and select a POI category.
4. Repeat the above step in the **Direct Access 2** and **Direct Access 3** fields.
5. When finished, tap **OK** to save the changes.

Information about the POI

For many POI destinations, additional information is available. For example, telephone numbers are provided for many restaurants, allowing you to call the restaurant and reserve a table ahead of time.



On the DESTINATION SELECTION WINDOW, the following buttons are available:

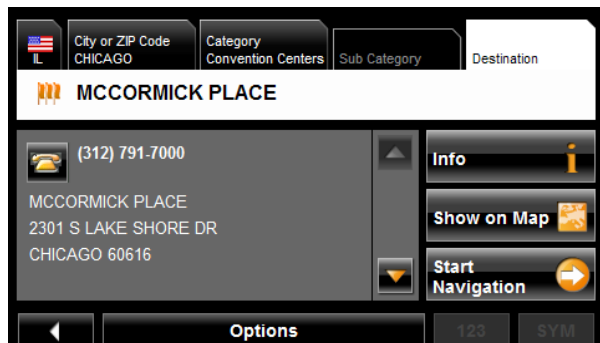
	<p>Opens the DESTINATION INFO WINDOW and shows basic information about a POI, including address and phone number. Postal codes in Canada will only display the first three characters.</p>
	<p>Show the POI on a map. (GPS reception required.)</p>
	<p>Phone the POI, if a phone number is available. This feature is only available when the NAVIGON 8100T is connected to a mobile phone using Bluetooth. See “Connecting (Pairing) with a Mobile Phone” on page 129 for more information.</p>
	<p>Calculate a route and start navigation to the selected POI.</p>

Searching for POIs Near a Selected Location

With the **NAVIGON 8100T** you can select a location, then search for POIs nearby. For example, if you are traveling for business you can search for restaurants close to your hotel. You can perform this type of search from anywhere - your home, hotel room, airport, etc. No GPS reception is required for this type of search.

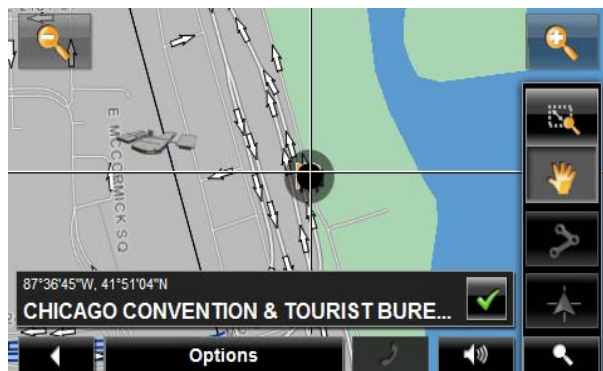
On the MAIN WINDOW:

1. Select the location. (See the corresponding section of “Destination Selection” on page 51.)



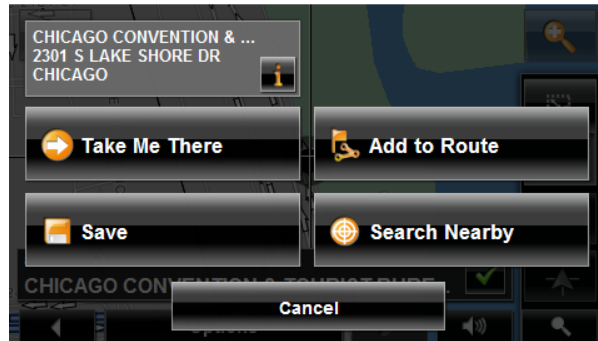
2. Tap **Show on Map**.

The map displays the selected POI centered on the map and the street name of the POI appears below it.

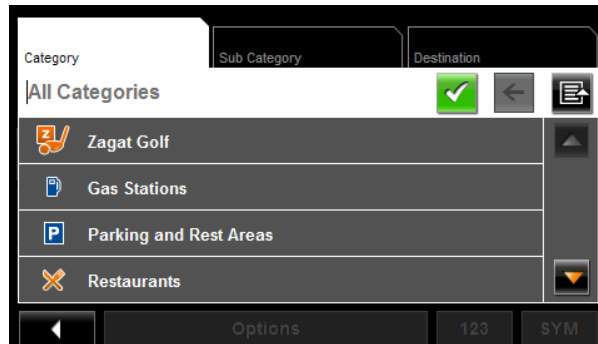


3. Tap  (OK).

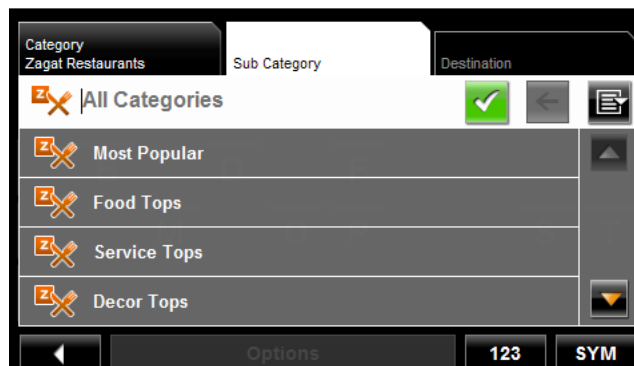
The DESTINATION SEARCH MODE WINDOW displays.



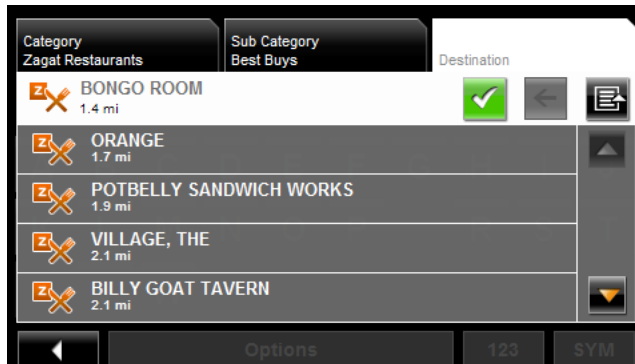
4. Tap the **Search Nearby** button.
The CATEGORY TAB opens.



5. Select the POI category
The SUB CATEGORY tab opens.



6. Tap on the subcategory from which you would like to select a POI.
The DESTINATION TAB opens. The distance from your current location and the POI is shown.

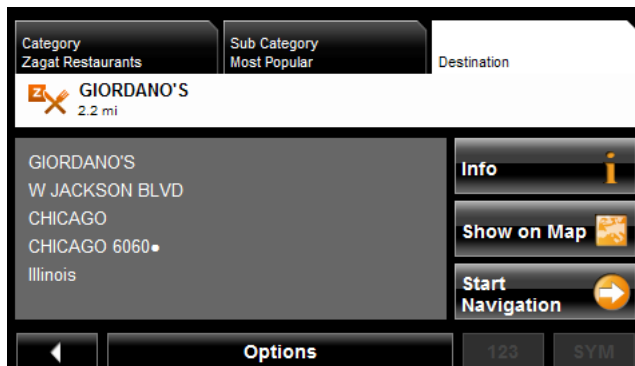


7. Tap on the location you want.

The DESTINATION TAB displays information on the selected POI.



For more on POI information, see “Information about the POI” on page 67.



8. Tap **Start Navigation**.



For more information, see “Starting navigation” on page 73.

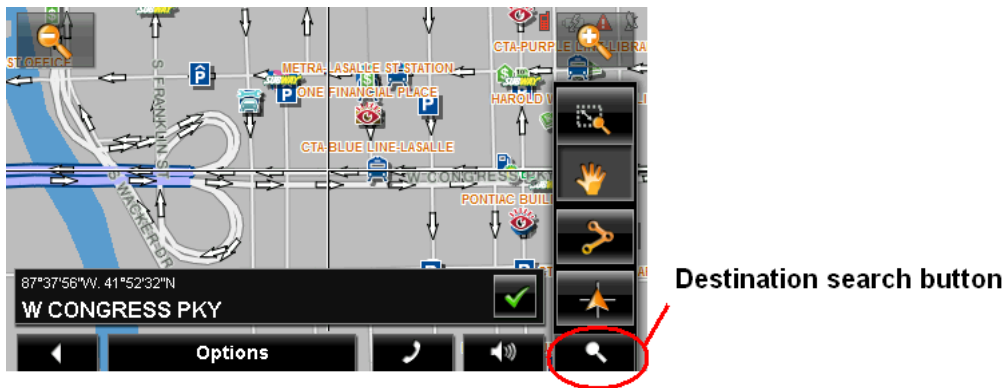
Selecting a destination by tapping the map




You can select towns, streets, and even POIs by tapping on the map.

On the MAIN WINDOW:

1. Tap **Options > Show Map**.
The map opens in *Preview mode*.



2. Tap  (**Destination search**) to display destination search tools.



For more information on using destination search tools, see “Destination Search mode” on page 113.

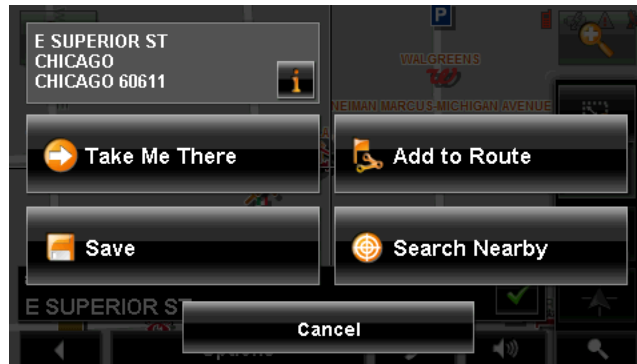
3. Use the Destination search tools (zoom in, zoom out, pan, etc.) to view the general map area you are interested in.
4. Tap on the point to which you wish to navigate.
The name of the location displays. The selected destination is centered in the map and appears under the cross hairs.

Crosshairs



5. Tap  (**OK**).

The DESTINATION ON MAP WINDOW opens. Detailed address information for the selected destination displays in the upper left-hand corner.



6. Tap the **Take Me There** button.
The map opens in **Preview mode** and shows the route calculated from your current location to this destination.



For more information, see “Starting navigation” on page 73.


Starting navigation

With the map open in **Preview mode**, the destination is shown as a small flag. The route and the estimated trip time are displayed.

With the map open in **Preview mode**:

- Tap the **Start Navigation** button or simply start driving.

Quitting navigation


- Tap  (**Back**) to quit navigation.
A window prompts you to confirm.

No GPS reception

If GPS reception is insufficient when the **Start Navigation** button is tapped, the following message appears:



You can:

- Wait until GPS reception resumes for determining position. Navigation begins automatically once GPS reception is sufficient.
- Tap the **Cancel** button. The MAIN WINDOW opens. Your destination is saved in the LAST DESTINATIONS list.
- Tap the **Demo** button. The route is calculated using a nearby location as a starting point. The simulation of the calculated route begins. Tap  (**Back**) to end the demonstration. (The **Demo** button does not appear when the destination was selected by tapping on the map.)

Arriving at your destination

A voice announcement tells you that you have reached your destination. If available, the street name is also given.

Your current position (indicated by an orange triangle) is shown on the map.

If the destination has a house number, the **NAVIGON 8100T** announces which side of the street the destination is on.

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ZAGAT POIs

With ZAGAT Survey Ratings and Reviews POIs, you can select from thousands of POIs and view customer survey ratings for a selected POI.

ZAGAT POI Categories

ZAGAT survey information features over 30,000 points of interest (POIs) in hundreds of cities. ZAGAT Survey information is provided in the following five categories:



Attractions Shopping centers and entertainment venues.



Golf Courses Public, semi-private and resort courses.



Hotels Hotels, resorts and spas.



Nightlife Nightspots and dance clubs.



Restaurants Food, decor, service, and cost.

Zagat Ratings

Rating Ranges

Establishments are rated on a scale of 0 to 30 where:

26 - 30	Extraordinary to Perfection.
20 - 25	Very Good to Excellent.
16 - 19	Good to Very Good.
10 - 15	Fair to Good.
0 - 9	Poor to Fair.

Price Ranges

VE	Very Expensive.
E	Expensive.
M	Moderate.
I	Inexpensive.

Rating Basis

Establishments are rated from 0 - 30, based on the following:


ZAGAT POI	Rated on:	Cost Estimate Based on:
Restaurants	Food, Decor, and Service	Price of dinner, one drink, and tip.
Nightlife	Appeal, Decor, and Service	Cost of one drink.
Hotels	Rooms, Service, Dining, and Facilities	High-season rate for a standard double room. Note: Does not reflect price changes and special rates.
Attractions	Appeal, Facilities, and Service	High season price for one adult.

Search for ZAGAT POIs

ZAGAT POIs are returned with any POI search.



Note: ZAGAT POI information is not available for all locations.

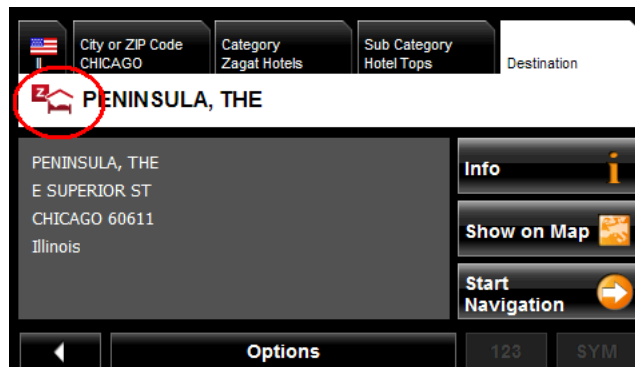
ZAGAT categories appear first in the list of returned locations. A  (ZAGAT POI) appears in front of a ZAGAT category.

View ZAGAT POI Information

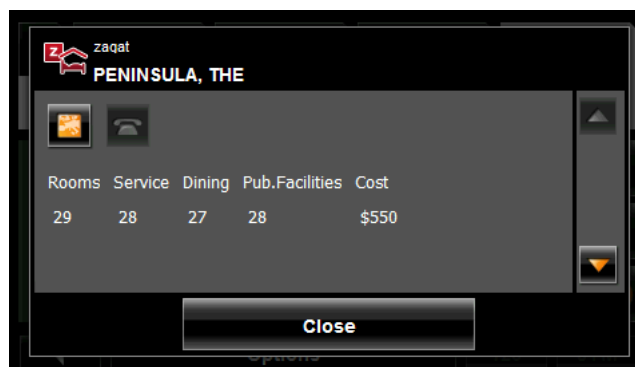
On a POI DESTINATION SELECTION WINDOW:



1. Tap on a ZAGAT POI category.
2. If sub-categories exist for the category, tap the subcategory.
3. Tap on the name of a POI.

The DESTINATION INFO WINDOW opens and displays basic POI information.



4. Tap **Info** to view ZAGAT survey information about the POI. The ZAGAT DETAIL WINDOW opens and displays detail information for the POI including hours of operation, costs, offered services, etc.



5. Use the  (**Down**) and  (**Up**) buttons to view all of the information.
6. When finished, tap **Close**.

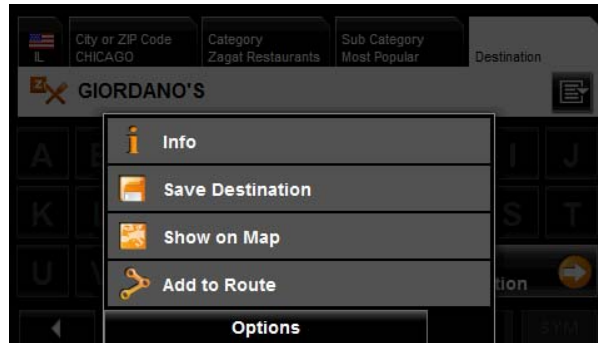
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My Destinations

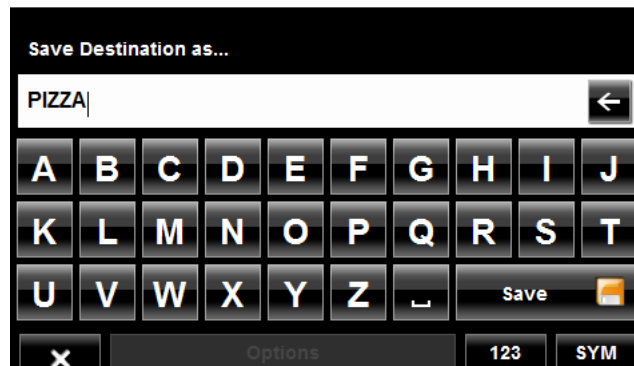
My Destinations include a Favorites list of locations you have saved and a Last Destinations list of the last locations your performed a search for. These lists can be useful if you often navigate to particular locations.

Saving a destination to the Favorites List

1. Enter a destination. (See “Destination Selection” on page 51.)
 2. Tap **Options > Save Destination**.
- OR -
1. Select a destination from MY DESTINATIONS. (See page 90.)
 2. Tap **Options > Save Destination**.



The SAVE DESTINATION AS window displays.



3. Enter the name for the destination.
4. Tap **Save**.

Saving the current location using GPS

The GPS STATUS WINDOW provides you with an overview of the data the navigation system calculates from the received GPS signals.

In the GPS STATUS WINDOW:

1. Tap **Options > GPS status**.



The current location can be stored in the FAVORITES list.

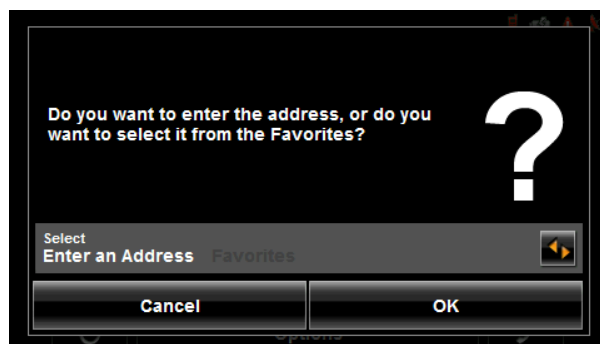
2. Tap the **Save Position** button.
The SAVE DESTINATION AS WINDOW opens.
3. In the **Name** field, enter the name for the destination.
4. Tap the **Save** button.

Saving your home address as a Favorite Destination


You can begin navigation to this destination quickly by tapping the **Take Me Home** button in the MAIN WINDOW. Only one destination from the FAVORITES list can be defined as your home address.

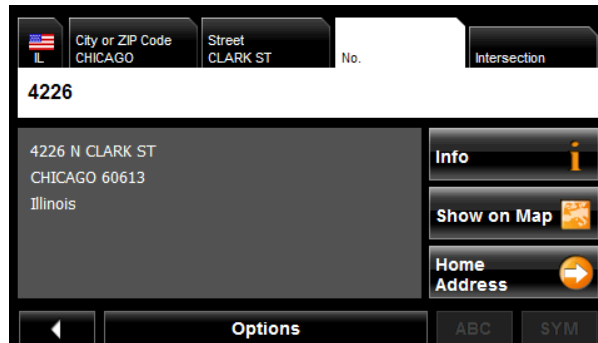
On the MAIN WINDOW:

1. Tap the **Take Me Home** button.
The following message displays:



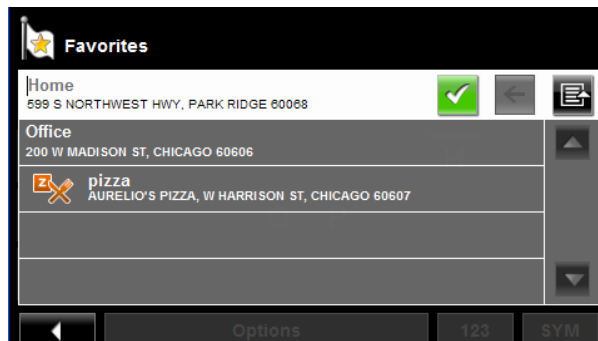
Note: If you do not have any addresses saved in your FAVORITES LIST, the message will ask if you want to enter your home address directly.

2. Use the  (**Toggle**) button to select:
 - **Enter an Address** - To enter your home address, or
 - **Favorites** - To select an address from your Favorites List.
3. Tap the **OK** button.
If you selected **Enter an Address**, the DESTINATION SELECTION WINDOW displays.
4. Follow procedures for “Entering an address” on page 55.

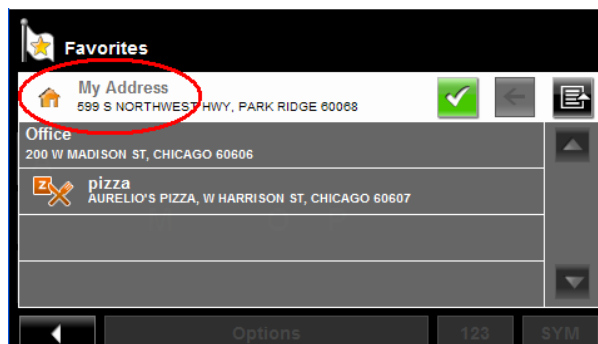


If you selected FAVORITES, the FAVORITES WINDOW displays.

5. Select your home address and tap  (**OK**).



6. Tap **Home Address**.



The selected destination is saved as your home address. On the FAVORITES LIST, a house icon displays next to your home address.

Navigating Home

After saving an home address, you can navigate to your home from anywhere by tapping a single button.

The first time you tap the **Take Me Home** button, you are asked to enter your address.

1. Follow procedures for “Saving your home address as a Favorite Destination” on page 80.

In the MAIN WINDOW:

2. Tap the **Take Me Home** button.
Navigation, using the current route profile information to calculate the route, begins.



For more information, “Starting navigation” on page 73.

Importing Destinations from Outlook

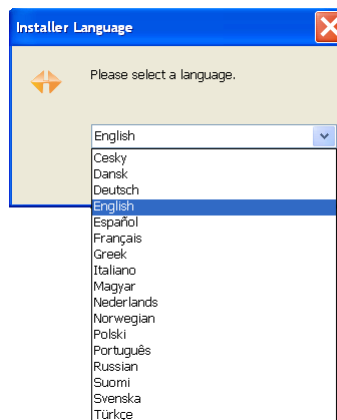
With NAVIGON Sync, you can download your Microsoft Outlook contacts to your **NAVIGON 8100T**. The NAVIGON Sync software can be downloaded from our website, and installed on your computer. Once installed, Outlook contacts can be copied to your device. Once downloaded, contacts are stored in the device.

Download and Install the NAVIGON Sync Software

1. Go to www.navigonusa.com/sync and follow on-screen instructions.

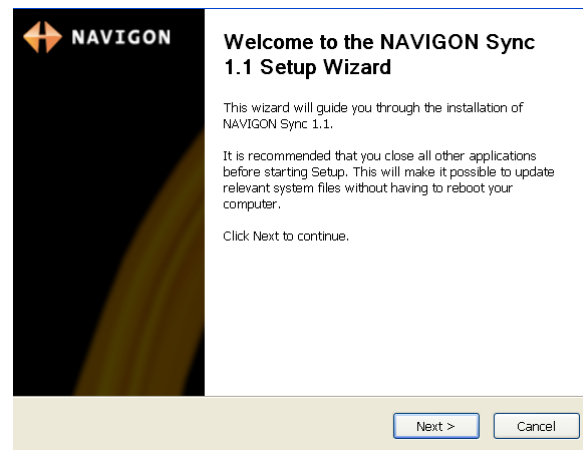
On your computer:

2. Double click on the Setup_Sync.exe file.
The INSTALLER LANGUAGE WINDOW displays.



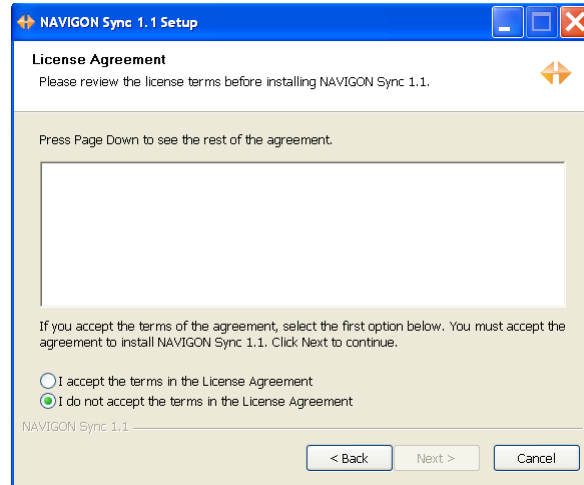
3. Click on the appropriate language to be used during the installation procedure, then click **OK**.

The NAVIGON SYNC SETUP WELCOME PAGE displays.



4. Follow the instructions, then click **Next >**.

The NAVIGON SYNC LICENSE AGREEMENT PAGE displays.

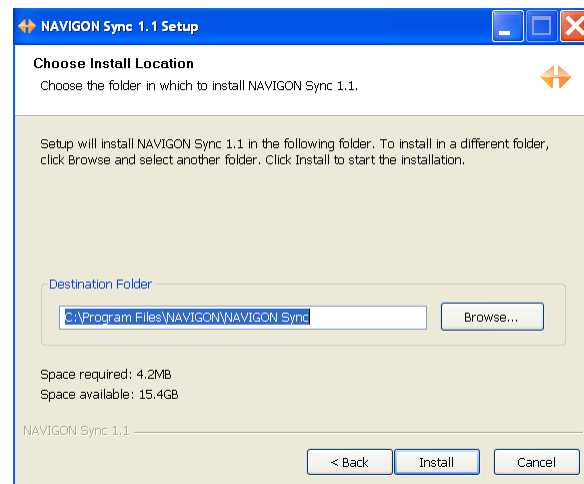


5. After you have read and fully understood the text:
 - If you agree, click **I accept the terms in the License Agreement** and click **Next >**.



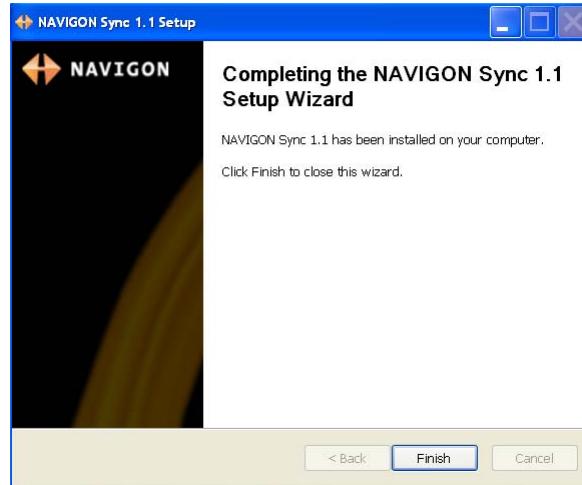
Note: If you do not accept these instructions, tap **Cancel** to exit the NAVIGON Sync setup.

The CHOSE INSTALL LOCATION PAGE displays.



6. Specify the location on your computer where the NAVIGON Sync software will be installed, then click **Install**.

The following page displays.



7. Click **Finish** to complete the installation.

Copy Outlook Contact Information to the NAVIGON 8100T

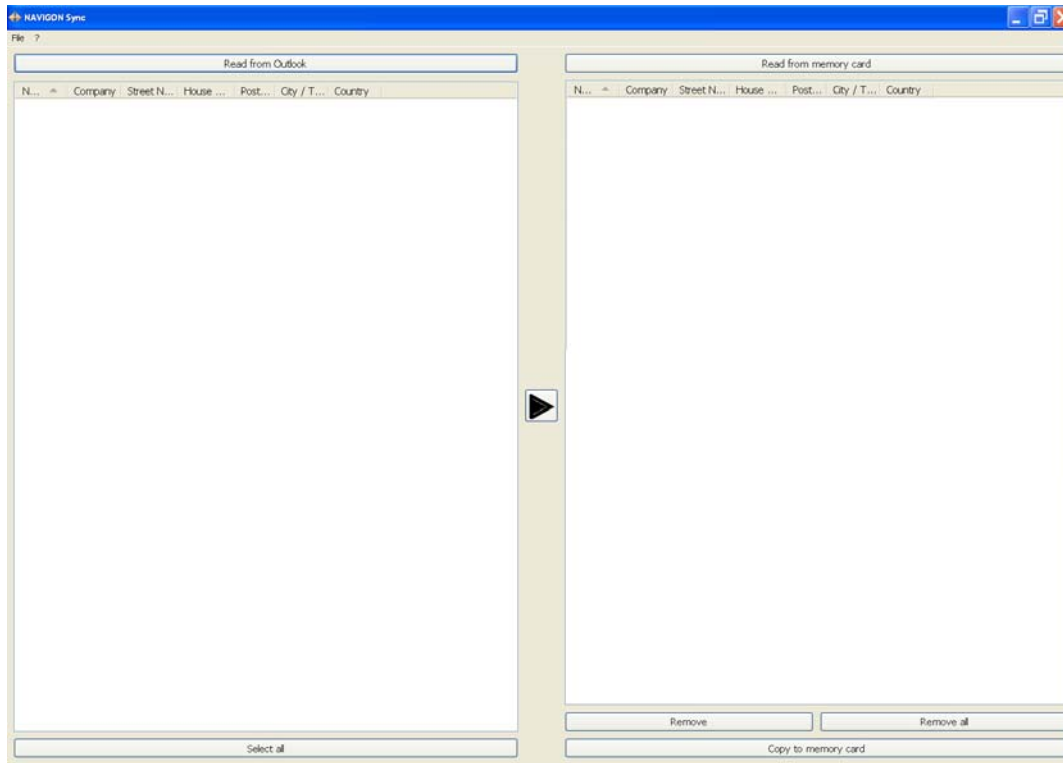
After the NAVIGON Sync software is installed on your computer, you can copy Outlook contact information to your **NAVIGON 8100T**. A copy of the information is saved on your device. The Outlook information on your computer is not affected.

1. Make sure that your computer and your **NAVIGON 8100T** are powered on.
2. Connect the large end of a USB cable to your computer and the small end of the cable to your **NAVIGON 8100T**

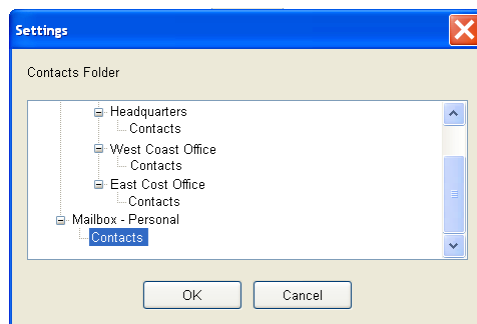
On your computer:

3. Navigate to the location where you installed the NAVIGON Sync software. (See page 83) and double click on the `Sync.exe` file.

The NAVIGON SYNC WINDOW displays.

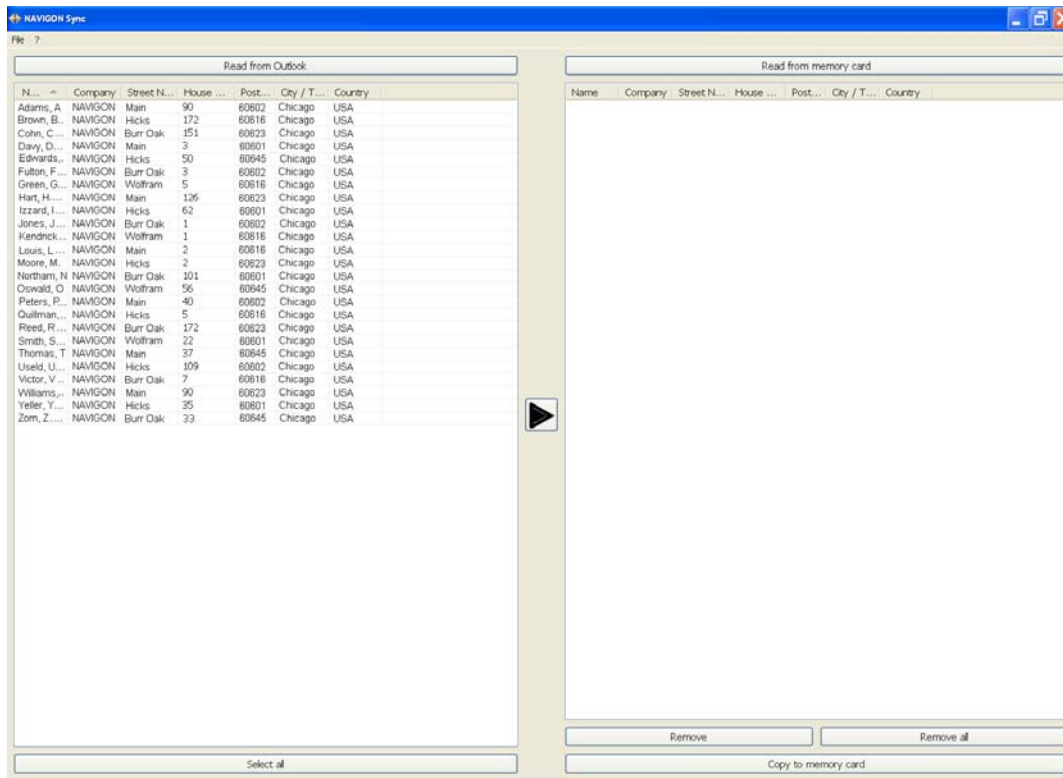



4. Click **File > Contact Folder**.
The SETTINGS WINDOW displays.



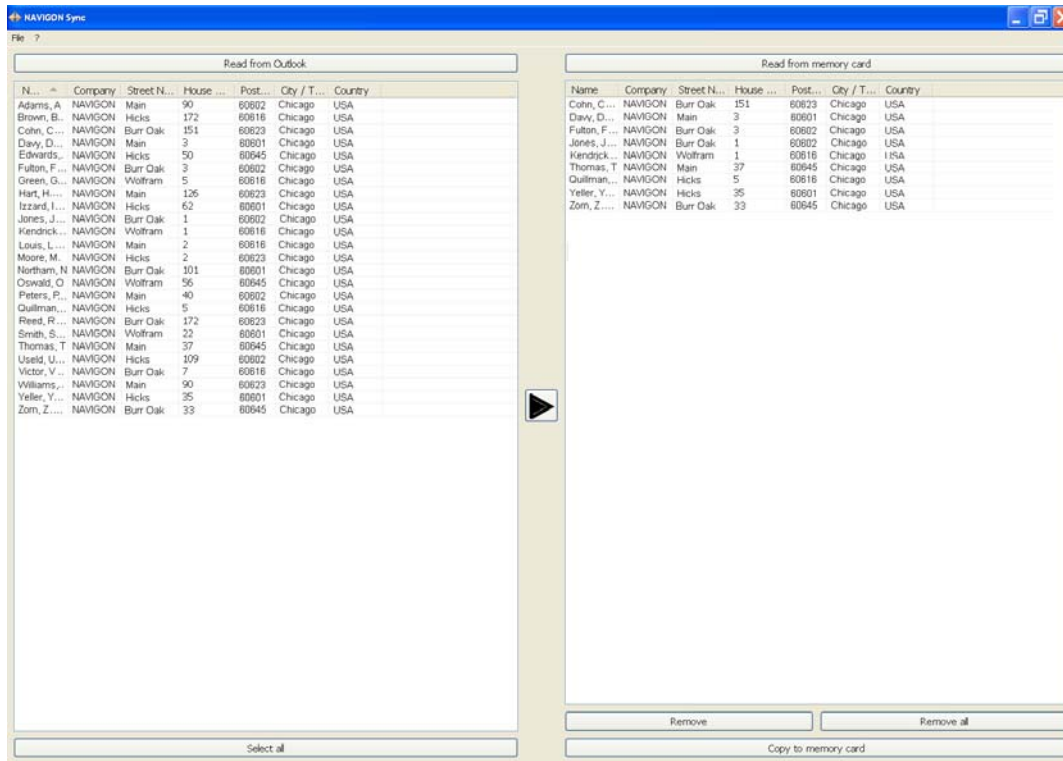
5. Click on the Contacts folder that contains the information you want, then click **OK**.
6. On the NAVIGON SYNC WINDOW, at the top of the left hand pane, click **Read from Outlook**.

The contact information from the selected folder appears in the left pane of the window.



- For contacts to be added, to select:
 - All Outlook contacts - Click the **Select All** button.
 - A single contact - Click on the contact.
 - A range of contacts, hold the Shift key down and click on the first and last contact in the range.
 - Individual contacts - Hold the Ctrl key down and click on each contact.
- After selecting contacts, click the  button.

The selected contacts are shown in the right pane.



9. In the lower right hand pane, click on **Copy to Memory**.

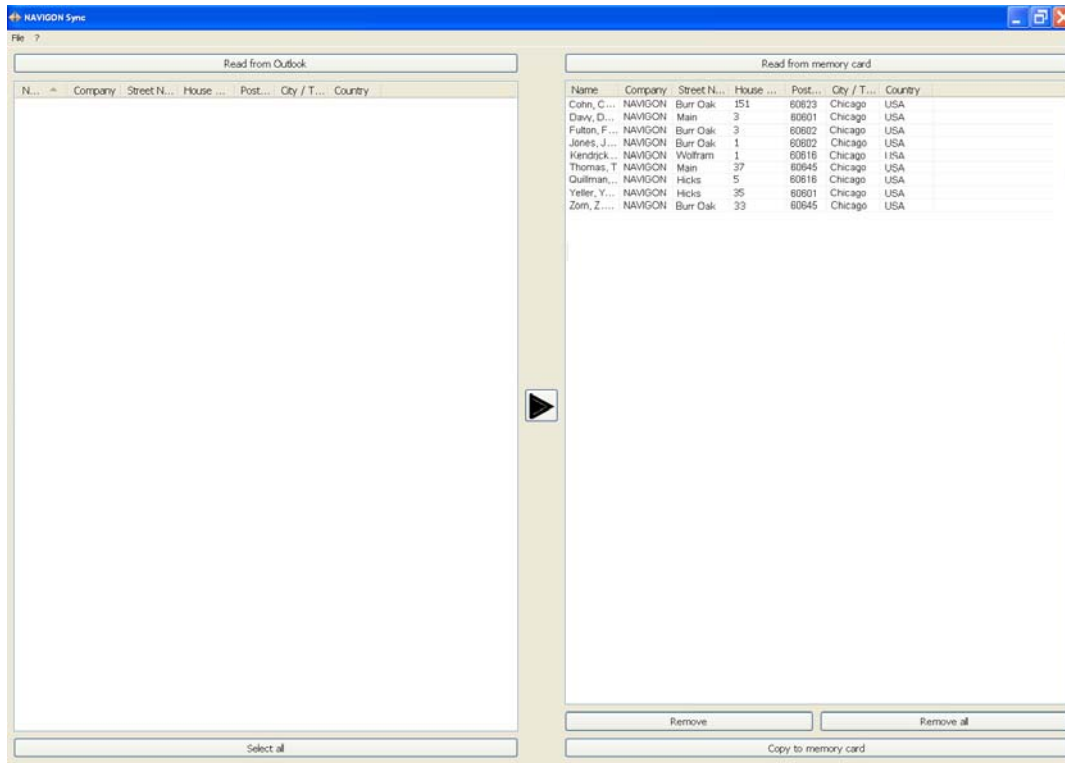
The selected Outlook contacts have been saved on the device. These contacts can be accessed on the from the **My Destinations** button the **NAVIGON 8100T**.

Delete Outlook Contact Information From the NAVIGON 8100T

1. Make sure that your computer and your **NAVIGON 8100T** are powered on.
2. Connect the large end of a USB cable to your computer and the small end of the cable to your **NAVIGON 8100T**.

On your computer:

3. Navigate to the location where you installed the NAVIGON Sync software (see page 83) and double click on the `Sync.exe` file.
The NAVIGON SYNC WINDOW displays.
4. On the NAVIGON SYNC WINDOW, at the top of the right hand pane, click **Read from Memory**.
The contact information that is currently saved on your device is shown.



5. For contacts to be removed, to select:
 - A single contact - Click on the contact.
 - A range of contacts, hold the Shift key down and click on the first and last contact in the range.
 - Individual contacts - Hold the Ctrl key down and click on each contact.
6. Click the **Remove** button.
7. To remove all contacts from the device, click **Remove all**.

Selecting a saved destination

The following lists of destinations and addresses are available under **My Destinations**.

Favorites Destinations you have stored in your **NAVIGON 8100T**.

Last Destinations Destinations you have previously navigated to.

From Outlook Destinations you have imported from Outlook.

Selecting a destination from the Favorites list

Destinations to which you often travel can be saved in the FAVORITES list.

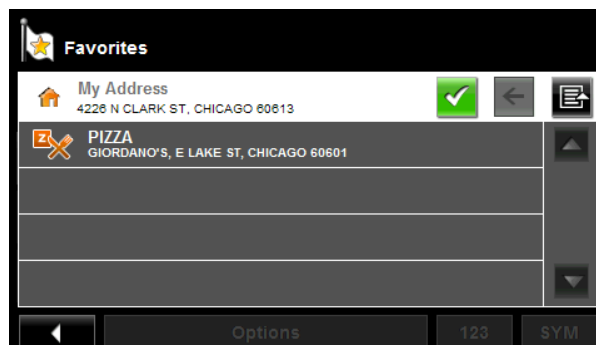
In the FAVORITES LIST, up to 300 destinations can be saved.



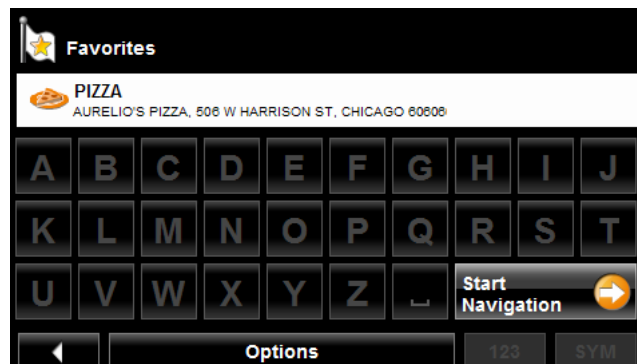
Information on how to store a destination can be found in “Saving a destination to the Favorites List” on page 79.

In the MAIN WINDOW:

1. Tap **My Destinations > Favorites**.
The FAVORITES WINDOW displays.



2. Tap the destination to which you would like to navigate.



3. Tap the **Start Navigation** button.
The map opens in **Preview mode**.



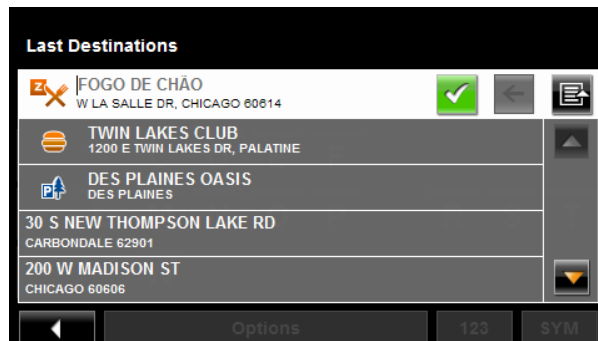
For more information, see “Starting navigation” on page 73.

Selecting a destination from the Last Destinations list

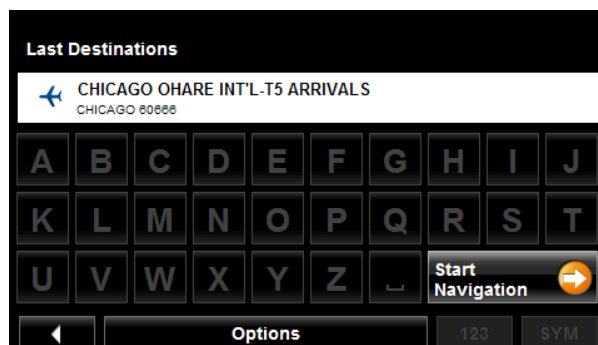
Your **NAVIGON 8100T** saves the last 30 destinations to which you have navigated in the LAST DESTINATIONS LIST.

In the MAIN WINDOW:

1. Tap **My Destinations > Last Destinations**.
The LAST DESTINATIONS WINDOW displays.



2. Tap the destination to which you would like to navigate.



3. Tap the **Start Navigation** button.

The map opens in **Preview mode**.

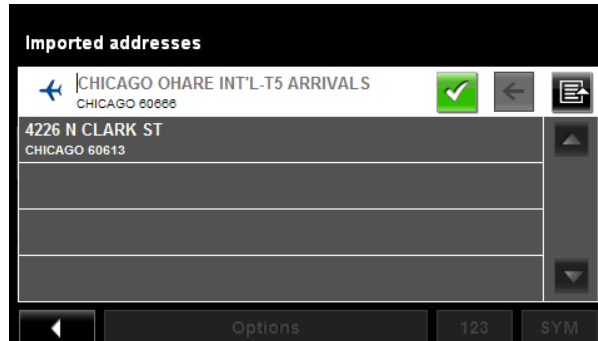


For more information, see "Starting navigation" on page 73.

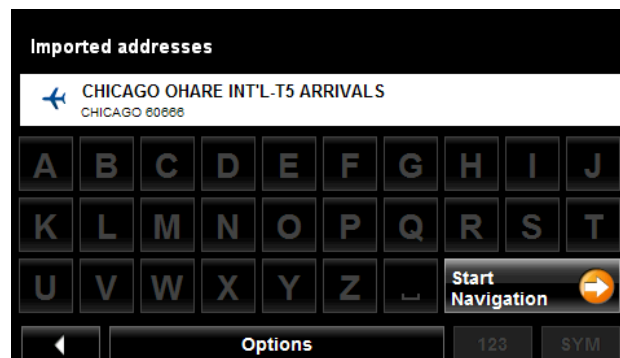
Selecting a destination Imported from Outlook

In the MAIN WINDOW:

1. Tap **My Destinations > Imported addresses**.
The LAST DESTINATIONS WINDOW displays.



2. Tap the destination to which you would like to navigate.



3. Tap the **Start Navigation** button.

The map opens in **Preview mode**.



For more information, see "Starting navigation" on page 73.

Routes

With the **NAVIGON 8100T**, you can preplan routes. Planned routes can be saved for later use, allowing you to create as many routes as you like.

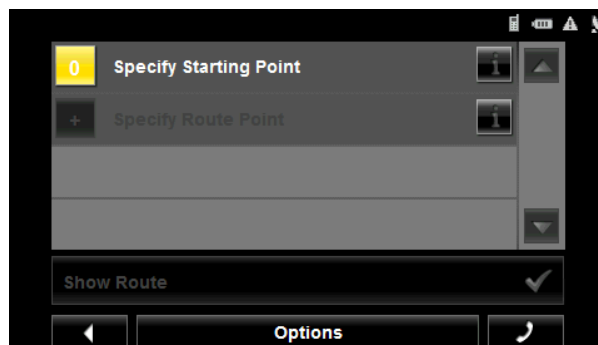


Route calculations and arrival times are based on the type of vehicle and the route type. Vehicle types (**Speed Profiles**) are: Standard car, Bicycle, or Pedestrian. Route types are Fast, Short, or Optimum. For more information on these settings See “Route Profile Settings” on page 148.

Accessing the Route Planning Window

In the MAIN WINDOW:

1. Tap the **Options** button.
The OPTIONS LIST opens.
2. Tap the **Route Planning** option.
The ROUTE PLANNING WINDOW opens.



Entering the starting point

The starting point, the point at which you want to begin your trip, is required. This does not need to be your current location. If you are at home planning a route for your vacation, you could, for example, enter your hotel as the starting point.

The starting point is only important if you want to see a planned route on the map, but currently have no GPS reception, or you are not currently at the planned starting point. The starting point that you enter has the flow number "0".

As soon as you begin navigation, your current location is used as the starting point for the route calculation.

Route calculation to the first route point is shown as flow number "1".


On the ROUTE PLANNING WINDOW:

1. Tap the **Specify Starting Point** button.
The STARTING POINT menu opens.

2. Select:
 - **Enter an Address** to search for a location address.
 - **Search for a POI** to search for a POI.
 - **My Destinations** to select a location from the FAVORITES, IMPORTED ADDRESSES, or LAST DESTINATIONS lists.
 - **My Address** to select your home address. (Only available if you have already specified a home address.)
 - **Current Location** to specify your current position as the starting point.
3. Enter the starting point. (See the corresponding section of “Destination Selection” on page 51.)
4. Tap the **Set Starting Point** button.
The selected destination appears next to the “0”, indicating that it is the starting point of the route.

Changing the starting point

On the ROUTE PLANNING WINDOW:

1. Tap the  (**Specify Starting Point**) button.
The STARTING POINT menu opens.
2. Select a different starting point by following the above steps.

Entering route points

Route points are destinations on the route that you want to navigate to.

The flow number for each route point can be found on a button in front of it.

On the ROUTE PLANNING WINDOW:

1. Tap the **Add Route Point** field.
The ROUTE POINT MENU opens.
2. Tap on the button for the desired destination entry type.
3. Enter the route point. (See the corresponding section of “Ways to Search for Destinations” on page 54.)
4. Tap **Add to Route** button.
5. Repeat these steps for each additional destination that you want to add to your route.

Changing the order of route points

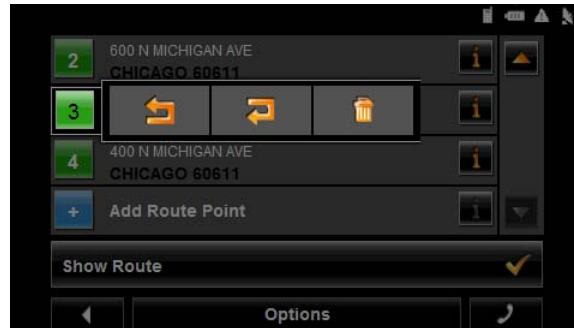
Route points can be deleted from a route. The order of the route points can be varied as you wish.



Note: The starting point (flow number "0") cannot be moved or deleted. To change the starting point, create a route point and move the new route point up to the top of the route. The old starting point can now be moved or deleted.

On the ROUTE PLANNING WINDOW:

- Tap on the route point that you want to edit.



The context menu contains the following buttons:



Route Point Up

Moves the selected route stage forwards.
(Example: route point 2 becomes route point 1).



Route Point Down

Moves the selected route point backwards.
(Example: route point 2 becomes route point 3).



Delete

Deletes the selected route point. A window prompts you to confirm deletion.

Managing routes

You can save each planned route under a particular name.



Note: Only the start point and route points are saved. The calculated route is not. If you load a route that has been saved, it must be recalculated before navigation can begin.

You can load, rename or delete stored routes.

Saving routes

You can save a route after you have entered the starting point and at least one route point.

On the ROUTE PLANNING WINDOW:

1. Tap **Options** > **Save Route**.
2. Enter a name for the route.
3. Tap the **Save** button.

The route is saved to the SAVED ROUTES LIST.

Loading routes

On the ROUTE PLANNING WINDOW:

1. Tap **Options** > **Saved Routes**.
2. Tap the route you want to load.
3. Tap the **Load Route** button.

The ROUTE PLANNING WINDOW displays the starting point and the route points of the selected route.

Navigation

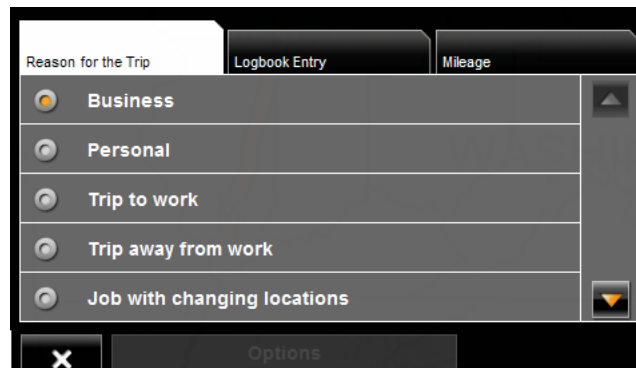
After the route is calculated, you can begin navigation or view a simulation of the route.

Using Logbook

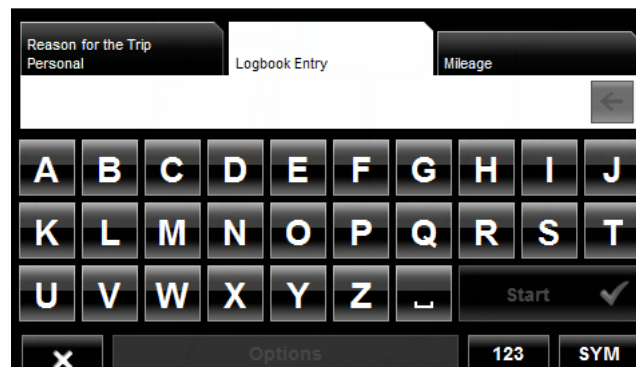
You can use the **NAVIGON 8100T** to record your vehicle mileage for tax purposes or for expense reports.

1. Start Logbook recording. (See page 145.)
2. Create a new route, load a saved route, or select a destination.
3. Tap the **Start Navigation** button.

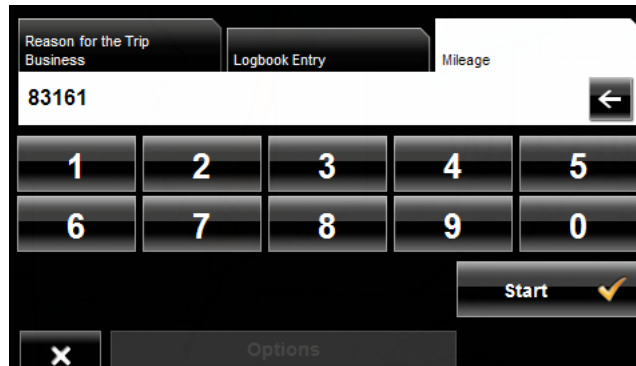
The REASON FOR THE TRIP TAB opens.



4. Select a reason.
The LOGBOOK ENTRY TAB opens.



5. Type the name or reason of the trip (enter at least one character).
6. Tap Mileage to open the MILEAGE TAB opens.



7. Type the starting mileage on your vehicle and tap **Start**.
During a recording, the Logbook icon displays at the top right corner of the screen.
8. Follow navigation to your destination.




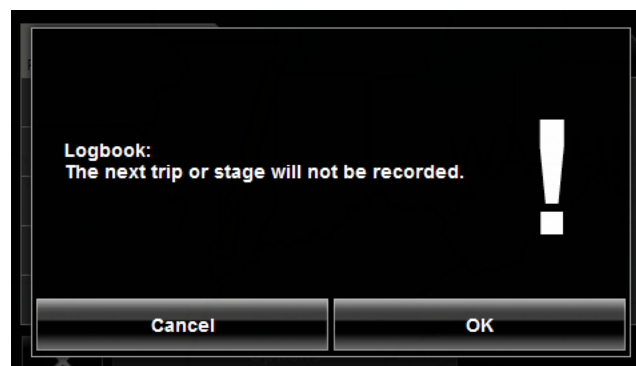
Note: Once logbook recording starts, every movement of the vehicle is recorded, even when you are not navigating on-route.

After reaching your destination, logbook stops recording and adds an entry to the Logbook.xls file. The Logbook icon no longer displays.

Stop recording for a single route

Once you have turned on logbook recording, you can stop recording for individual routes.

1. Start Logbook recording. (See page 145.)
2. Create a new route, load a saved route, or select a destination.
3. Tap the **Start Navigation** button.
The REASON FOR THE TRIP TAB opens.
4. Tap .
The following message displays.



5. Tap **OK**.
Logbook is not recording for this trip. However, recording will start again for all subsequent routes.

Calculating and displaying routes

On the ROUTE PLANNING WINDOW:

1. Load a saved route.
- OR -
1. Enter a starting point and at least one route point.

2. Tap the **Show Route** button.

The map opens in **Preview mode**.

The starting point and the route points are marked by flags. For each stage, the distance and the estimated trip time is given. This information is also displayed for the entire route.

3. Tap the **Start Navigation** button or simply start driving.

Finding POIs at Highway Exits Using the Exit Guide

While traveling on a controlled access highway, you can find POIs (such as gas stations or lodging) at the next five exits along your route.



Note: This feature is only available when traveling on controlled access roads, such as interstate highways.

1. Create a route or load a previously saved route.

On the ROUTE PLANNING WINDOW:

2. Tap the **Show Route** button.

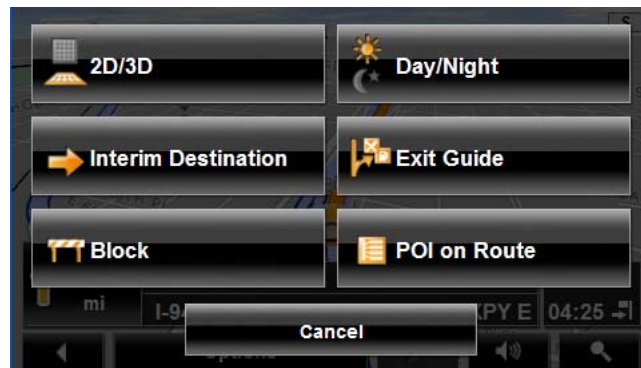
The map opens in **Preview mode** and displays the calculated route.



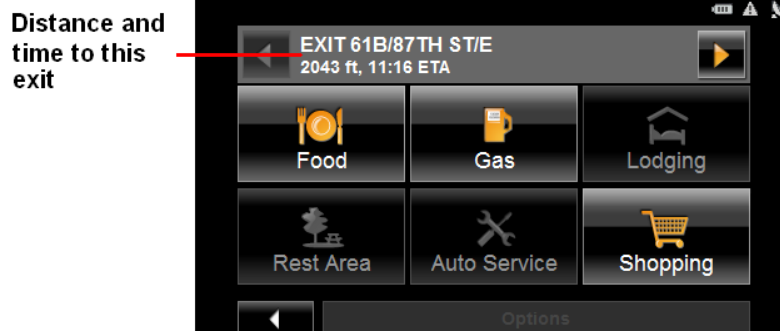
3. Tap the **Start Navigation** button or start driving.
The map changes to **Navigation mode**.




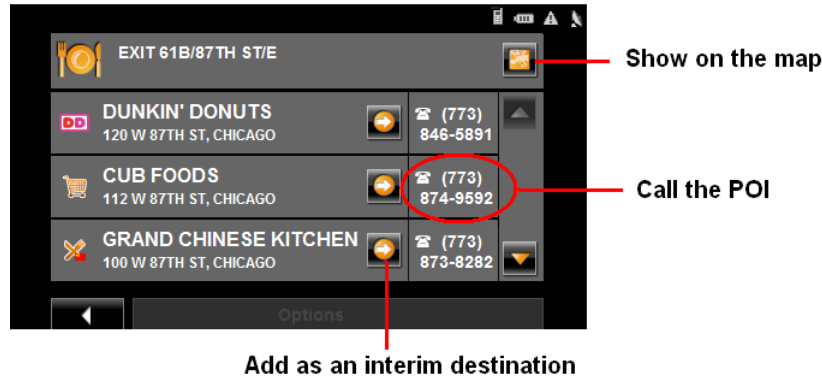
4. When navigating with your **NAVIGON 8100T** on a controlled access roadway, tap the screen.
The NAVIGATION MODE MAP FUNCTIONS WINDOW displays.





5. Tap **Exit Guide**.
The EXIT POI WINDOW displays POI categories for the exit. Only categories with one or more POIs at the next exit can be selected. If a category icon is unavailable, no POIs of that type are available at this exit.



6. To view POIs available at exits further ahead, tap  (**Next**).
7. To view available POIs at an exit select a category button.
The **POI list** for the category at this exit displays.



8. To:

- Show the POI on the map, tap  (**Show on Map**).
- Call the POI (when paired to a mobile phone), tap the phone number.
- Add a POI to your route, tap  (**Interim Destination**).

The POI is added to your route as an interim destination. When you are approaching the exit, the **NAVIGON 8100T** provides navigation instructions to the POI.



Note: If an exit POI interim destination is added after you have passed the exit, the **NAVIGON 8100T** will take you off the originally calculated route and navigate you back to the POI.

Remove an Exit POI from your Route

If you change your mind, you can remove an exit POI from your route.

During navigation:

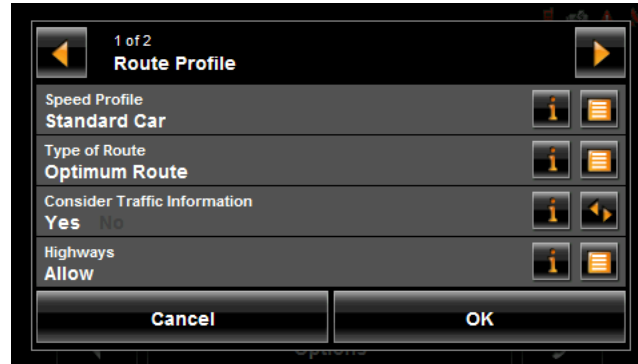
1. Tap on the map.
The **Navigation mode** map functions window displays.
2. Tap **Interim Destination**.
The INTERIM DESTINATION MENU displays.
3. Tap **Skip Route Point**.
The exit POI is removed from the route and the map re-displays in **Navigation mode**.

Viewing or Changing the Route Profile

The calculation of a route is based on route options.


On the ROUTE PLANNING WINDOW:

1. Create a route or load a previously saved route.
2. Tap the **Show Route** button.
The map opens in **Preview mode** and displays the calculated route.
3. Tap the **Route Profile** button.



You can view and, if necessary, change any of the displayed options.



Note: Once options are changed, they remain in effect for all subsequent routes. You can get information regarding changing individual route profiles by tapping the corresponding  (**Help**) button.

Simulating routes

You can also view a simulation of a calculated route.



Note: GPS signal reception is not required for simulation.

Starting a route simulation

You have calculated and displayed a route.


With the route displayed in **Preview mode**:

- Tap **Options > Simulation**.
The route is recalculated for simulation purposes. Simulation begins once calculations have completed.

Ending simulation

You can end simulation at any time.

While viewing the route simulation:

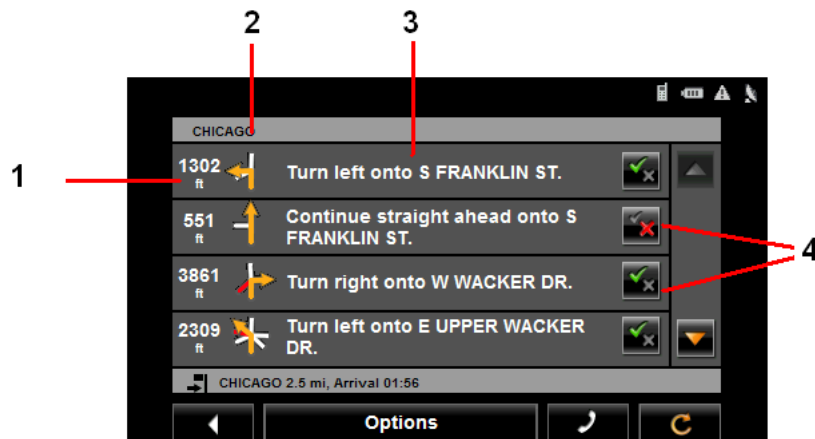
- Tap  (**Back**).
The ROUTE PLANNING WINDOW re-displays.

Viewing a Turn-by-Turn List


You can display detailed directions of the calculated route before starting navigation or at any time during navigation. This list displays all of the driving instructions in table form.


With the route displayed:

- Tap **Options > Turn-By-Turn List**.
The TURN-BY-TURN LIST WINDOW opens.




1. Distance to this junction.
2. Schematic depiction of the next junction where you must turn.
3. Name of the street onto which you must turn.
4. Indicates whether you want to travel on the section of the route.

 (Allow) Include this section in the route.

 (Forbid) Exclude this section from the route.


Blocking route sections

On the TURN-BY-TURN LIST WINDOW:

1. Tap on the route section you do not want to travel on, so that the  (Forbid) symbol appears next to them.

2. Tap  (Modify Route).

The navigation system calculates an alternative route avoiding (if possible) the route sections selected. The new driving instructions are displayed in the TURN-BY-TURN LIST WINDOW.

3. Tap  (Back) to close the TURN-BY-TURN LIST WINDOW.

Removing blocks and using original routes

Section blocks can be removed at anytime.

On the TURN-BY-TURN LIST WINDOW:

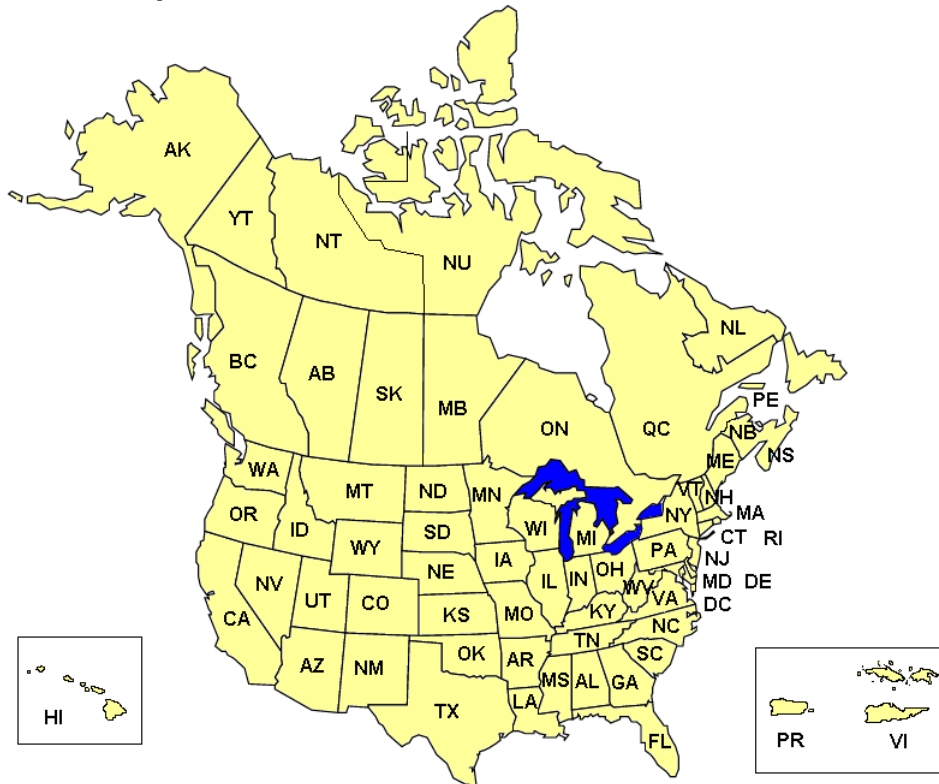
- Tap **Options** > **Calculate the Original Route**.

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Maps


Your **NAVIGON 8100T** comes with a full North American map (48 contiguous United States, District of Columbia, Alaska, Hawaii, Puerto Rico, Virgin Islands, and all 13 Canadian provinces/territories).

North America Map



View information on the current map

On the MAIN WINDOW:

1. Tap **Options > Settings > Map Display**.
The MAP DISPLAY WINDOW opens.
2. Use  (**Next Page**) to go to PAGE TWO.

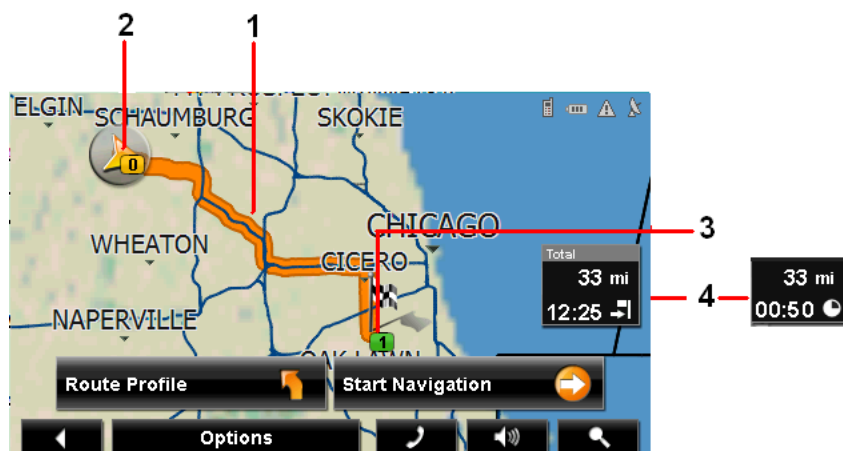
Map Preview mode

You have entered a destination and tapped the **Start Navigation** button.

- OR -

Create a route or load a saved route, then tap the **Show Route** button.

The map opens in **Preview mode**. The entire route is visible.




1. The route is highlighted in orange.
2. A triangle in orange shows your current position.
If you display a route and the specified starting point is not the same as your current location, the current position may not be shown on the preview.
3. The destination is marked with a small flag.
When you have planned or loaded a route and displayed it, the starting point and each route point is marked with a small flag.
4. The remaining distance to the destination is shown. Tap the box to toggle to display the estimated time of arrival ([🕒]) and the time remaining ([🕒]).
If you are navigating a route with several stages, you see the remaining distance, estimated duration of the trip, and the estimated time of arrival for the next interim destination.

This information can be displayed or hidden by tapping on **Options > Settings > Navigation**.

If you display a route with several stages, information for the current stage is shown.

Tap:

- The **Route Profile** button to view or change settings used to calculate the route.
- The **Start Navigation** button to begin the journey.
When you display a planned or loaded route, the route may be recalculated. Starting point for the calculation is your current location. Once the route is calculated, you are guided to the first route point.

- **Options > Turn-by-Turn List** to view detailed directions for the route. (See “Viewing a Turn-by-Turn List” on page 104.)
-  (**Destination search**) to view the map in **Destination search mode**.

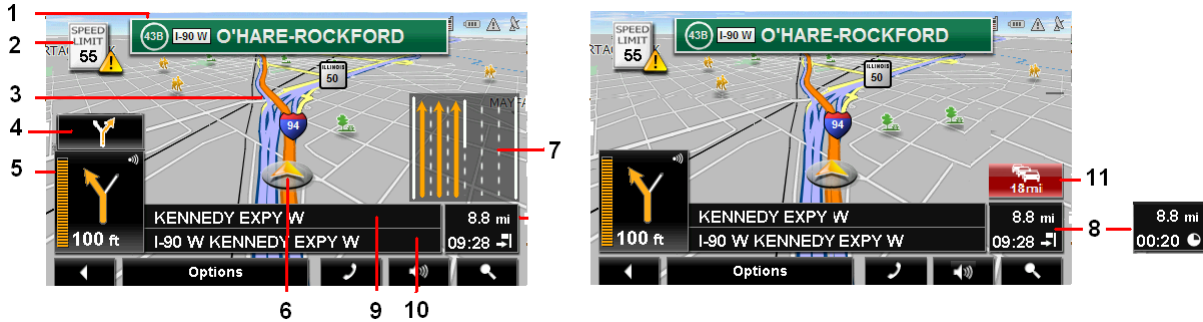


For more information on using this feature, see “Destination Search mode” on page 113.

Map Navigation mode

After the route has been viewed in **Preview mode**, navigation starts.

Navigation is shown in **Navigation mode**.





1. Signage to be followed is displayed here.
2. Posted speed limits are displayed here (where available).
3. The route is marked in orange.
4. When two maneuvers need to be executed in quick succession, the small arrow indicates the second maneuver to be executed.
5. The large arrow shows a schematic depiction of the next maneuver. The remaining distance to the junction is displayed below the arrow.

As you get closer to the junction, a vertical bar appears to indicate proximity.




The nearer you get to the junction, the more the vertical bar fills with orange.

If you don't have to change direction for a longer period, you see only a forward-facing arrow. The distance you travel on the road you are on displays beneath the arrow.

- Tap the large arrow to hear current route instructions.
6. An orange triangle shows your current position. The display refreshes as you move so that, in 3-D mode, a greater part of the screen shows the area ahead of you.
 7. Lane Assistant Pro shows the lanes to be followed (in orange) to your destination.
 8. The remaining distance to the destination is shown. Tap the box to toggle to display the estimated time of arrival () and the time remaining ().

If you are navigating a route with several stages, you see the remaining distance, estimated duration of the trip, and the estimated time of arrival for the next interim destination.



9. The name of the stretch of road that you must travel on next.
10. The name of the street you are currently traveling on.

11.  (TMC shortcut button). The TMC shortcut button displays when traffic messages have been received and are currently available. Tap the button to display the NAVIGON LIFETIME TRAFFIC INFORMATION WINDOW.



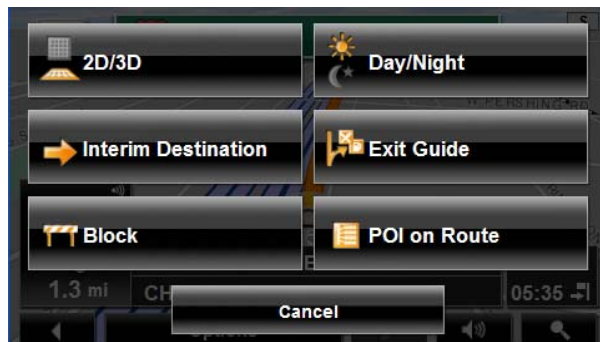
Note: The displays for many of the above mentioned fields can be configured using **Options > Settings > Map Display**. Information only displays when available.


Note: If you tap on the large arrow, the current route instruction is repeated.

- Tap **Options > Show Turn-by-Turn List** to view detailed directions for the route. (See “Viewing a Turn-by-Turn List” on page 104.)
- Tap  (**Destination search**) to view the map in **Destination Search mode**. (See “Destination Search mode” on page 113.)
- Tap  (**Back**) to quit navigation.

Map functions in Navigation mode

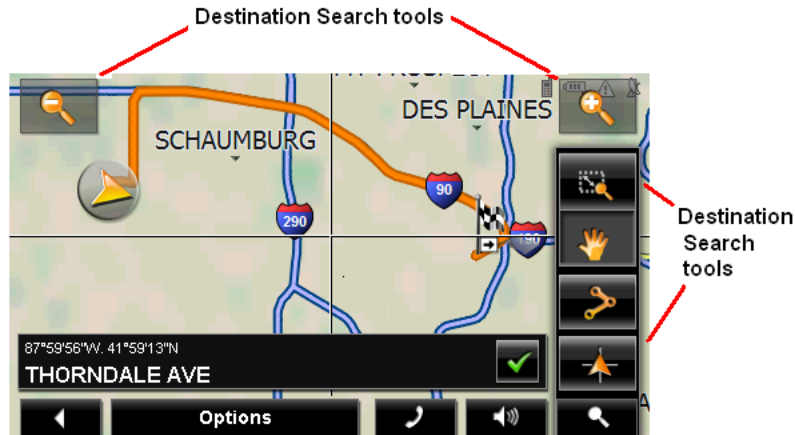
When the map is open in **Navigation mode**, tap any point on the map. Buttons with various functions are displayed.



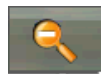
- | | |
|----------------------------|---|
| 2D/3D | Changes between 2D and 3D map views. The symbol for the view currently set is marked orange. |
| Day/Night | Changes between "day" and "night" display. The symbol for the display currently set is marked orange. |
| Interim Destination | Opens a menu for entering an interim destination. The navigation system first guides you to this interim destination. Afterwards, you can simply continue navigation to your original destination. |
| Exit Guide | Tap this button to find POIs (such as gas stations or lodging) at the next five exits along your route. (Only available when the vehicle is on a controlled access road.) |
| Block | Tap this button to block a section of the route that lies in front of you. The device will recalculate the route and attempt to avoid the blocked section. This can be used if you encounter a stretch of road that is impassable due to its physical condition, weather, or your vehicle's capabilities. |
| POI on Route | Tap this button to display POIs on your route. This enables you to find out, for example, how far it is to the nearest services. A destination shown here can be added as an interim destination by tapping the  (Interim Destination) button to the right of its entry in the list. The three POI categories selected for Direct Access are available. |

Destination Search mode

When in **Destination Search mode**, a pair of cross hairs are shown and the map is always oriented with north up.



Destination search tools include:



Zoom Out

The map section shown becomes larger, but fewer details are shown.



Zoom In

The map section becomes smaller, but shows more details.



Zoom Mode

When this button is active, you can plot a map section with your finger.

Plot the map section from upper left to bottom right and it zooms to fit the size of the screen.

Plot the map section from bottom right to top left, and the map zooms out.



Pan Mode

When this button is active, you can move the map section with your finger. Tap on the map and drag it in the desired direction.



Entire Route


Zooms the map so that the entire route is visible.

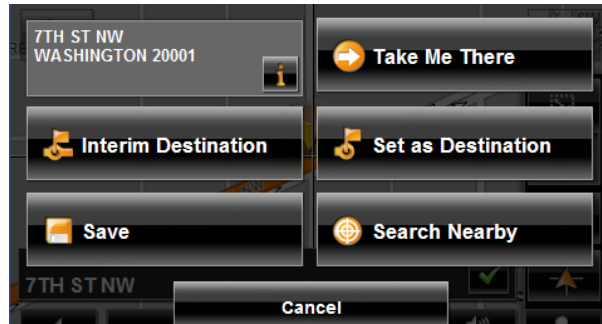



Current Position

Show your current position on the map.

Operating in Destination Search mode

1. Tap on the point to which you wish to navigate.
The destination that you have selected appears under the cross hairs.
2. Tap  (OK).
Buttons with various functions appear.



Detailed address information for the selected destination displays in the upper left-hand corner. Tap  for more information about the POI.

- | | |
|----------------------------|---|
| Take Me There | Begins navigation to the selected point. If you are currently navigating, navigation stops. |
| Interim Destination | Sets the selected point as an interim destination. The navigation system first guides you to this interim destination. Afterwards, you can continue navigation to your original destination.

This function is only active during navigation. |
| Set as Destination | Sets the selected point as the destination. |
| Save | Opens the SAVE DESTINATION AS... WINDOW. You can enter a name for the selected point to be stored in the FAVORITES list. |
| Search Nearby | Opens the POI NEARBY WINDOW. Here you can search for destinations near the specified point. (See “POIs nearby” on page 58.) |

Reality View Pro

When, during navigation, you approach a highway junction, the map changes to **Reality View Pro mode**.



Reality View Pro mode shows the signage and lanes you must follow. This mode displays until you pass the highway junction. Once past the junction, the map returns to **Navigation mode**.

While traveling through the highway junction to:

- Change from **Reality View Pro** back to **Navigation mode**, tap anywhere on the screen.
- Change from **Navigation Mode** back to **Reality View Pro**, tap the **Next Maneuver** button.



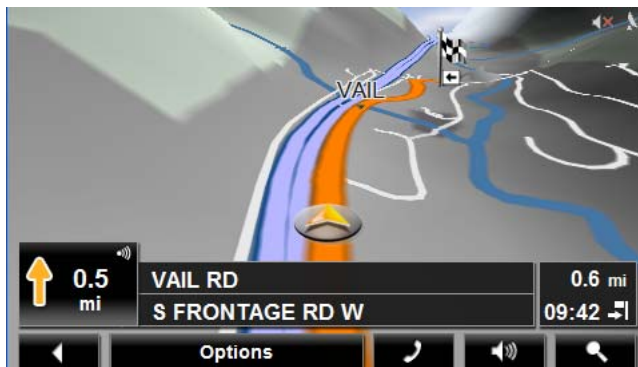
Note: **Reality View Pro mode** is not available for every highway junction. Availability is dependent on the map data currently in use.

Turning on Reality View Pro

1. Tap **Options > Settings > Map Display**.
2. In the **Reality View 3D** field, select **Yes** (to show) or **No** (to hide).
3. Tap **OK** to save the changes.

Panorama View 3D

Panorama View 3D presents a realistic view of the surrounding environment and provides better perspective on bridges and in tunnels. It also makes it easier for you to recognize routes and landscape.



Note: *Panorama View 3D mode* is not available in all locations.

Turning on Panorama View 3D

1. Tap **Options** > **Settings** > **Map Display**.
2. In the **Panorama View 3D** field, select **Yes** (to show) or **No** (to hide).
3. Tap **OK** to save the changes.

NAVIGON Lifetime Traffic

NAVIGON Lifetime Traffic (TMC) Information allows your **NAVIGON 8100T** to receive the latest traffic information available. If necessary, it can change your route dynamically in order to avoid a traffic jam.



Note: This function is only available if TMC traffic messages are being transmitted in the area in which you are traveling. Traffic messages are not available in all areas.

Note: The charger cable does not need to be connected to the vehicle's cigarette lighter or power outlet for the antenna to be operational.

Note: If the car charger/antenna is not attached to the device, TMC messages may not be received when the device is operating on battery power only.

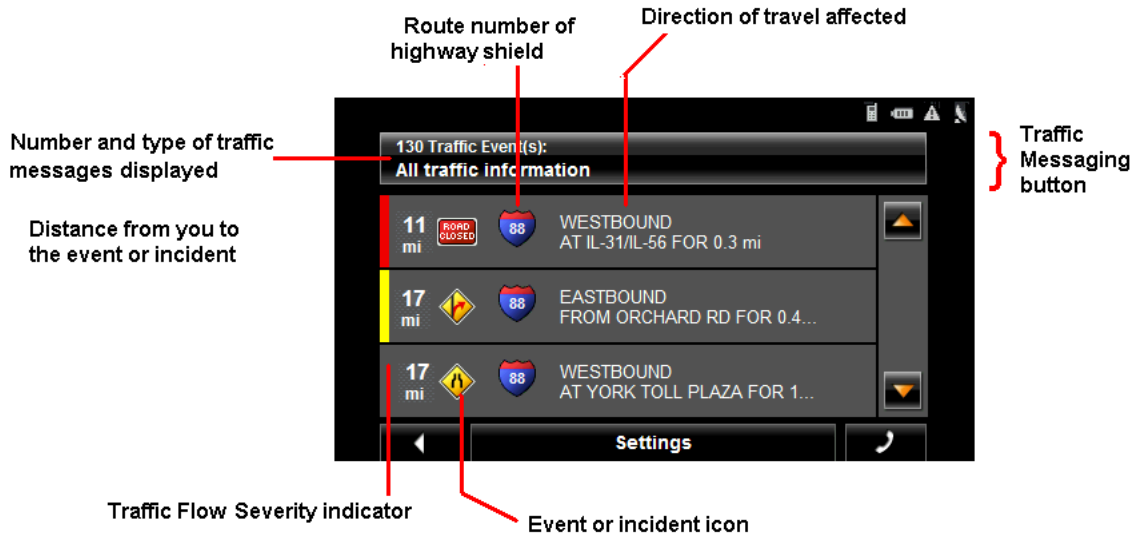
Accessing the NAVIGON Lifetime Traffic Window

All currently available traffic information can be viewed from the **Options** button on the MAIN WINDOW, ROUTE PLANNING WINDOW and any of the map views.

From any of the above windows:

- Tap **Options > Traffic**.
The NAVIGON LIFETIME TRAFFIC WINDOW opens.

The NAVIGON Lifetime Traffic Window



Types of Messages

All traffic information	Information on all traffic events (severe and moderate traffic jams and obstructions) and weather warnings received in the area, based on TMC antenna reception.
On route	Information on all traffic events (severe and moderate traffic jams and obstructions) and weather warnings occurring along the route.
Not on route: all	Information on all traffic events (severe and moderate traffic jams and obstructions) and weather warnings not occurring on the route, based on TMC antenna reception.
Not on route: traffic jams	Information on severe traffic events (traffic jams) not occurring on the route, based on TMC antenna reception.
Not on route: obstructions	Information on moderate traffic events (obstructions) not occurring on the route, based on TMC antenna reception.
Not on route: weather warnings	Information on weather warnings not occurring on the route, based on TMC antenna reception.


Specify the type of traffic messages to display

On the MAIN WINDOW:

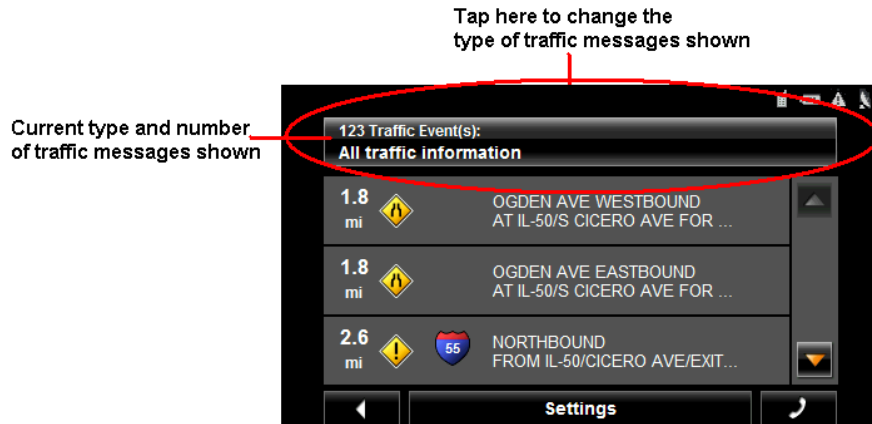
1. Tap **Options** > **Traffic**.

The NAVIGON LIFETIME TRAFFIC INFORMATION WINDOW opens.



On the Navigation map, the  (TMC shortcut) button can also be used to display the NAVIGON LIFETIME TRAFFIC INFORMATION WINDOW. The TMC shortcut button displays when traffic messages have been received and are currently available. See “Map Navigation mode” on page 110.

The **Traffic Messages** button shows the type of traffic messages listed and how many messages of this type are listed.

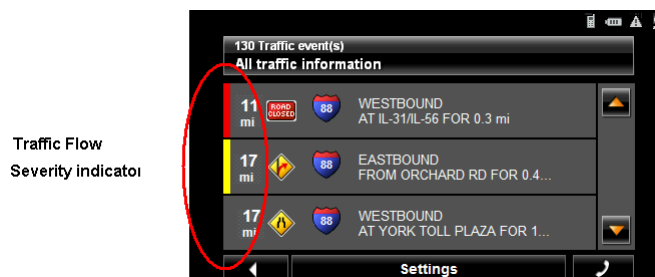


For a description of each message type, see “Types of Messages” on page 118.

2. Tap the **Traffic information** button to view a list of available traffic message types.
3. Tap on the type of messages to display.
4. Tap the **OK** button.

Traffic Flow Severity Indicators

The severity indicator reflects the impact of the traffic occurrence on traffic flow.



The severity indicator appears as a color bar on the traffic list view. Indicators are

- | | |
|--------|-------------------------------|
| Red | Heavy traffic, expect delays. |
| Yellow | Moderate impact to traffic. |
| None | Minor impact to traffic flow. |

Event or Incident Icons

On the NAVIGON LIFETIME TRAFFIC WINDOW, the following icons are used to represent traffic events or incidents:



Slow traffic.



Construction.



Accident.



Slippery road due to weather
(snow, ice, rain, etc.).



General problem affecting
traffic flow.



Wind.



Lane closures.



Flooding.



Road closed or blocked.



Informational only. No nega-
tive affect on traffic flow.



Ramp problems. On- or off-
ramp closures, etc.

Displaying traffic messages

The traffic reports that are currently valid are available from several windows.

On the MAIN WINDOW:

1. Tap **Options > Traffic**.

The NAVIGON LIFETIME TRAFFIC INFORMATION WINDOW opens.

Above the list, the **Traffic information** button indicates the type of traffic information listed (on-route, off-route, etc.) and how many messages of this type are listed.

For each traffic message in the list, information about the location and type of traffic obstruction is displayed.

2. Tap a message to view more information on the traffic event.

The TRAFFIC DETAIL WINDOW displays.



3. When finished, tap the **Cancel** button to return to the NAVIGON LIFETIME TRAFFIC WINDOW.

Select Reroute Settings

You can select whether the navigation software recalculates a route automatically when a TMC message indicates that a problem exists on your current route.


On the TMC STATUS WINDOW:

1. Tap **Options > TMC Settings**.
2. In the **Recalculate Route**, select how you want to set route recalculation:
 - Automatically** The navigation system determines when to recalculate a route and when to ignore a traffic event, based on the severity of the impact on traffic flow. When a traffic message is received that severely impacts your current route, the navigation software displays a message indicating that it has recalculated a route avoiding the event.



Note: Only traffic events with a red severity will be recalculated. Yellow severity traffic events are not recalculated.

On Request Each received traffic message displays on screen. You can specify whether to calculate an alternative route.

3. Tap  (**Toggle**) to switch between options.
The selected value is in bold.
4. Tap **OK** to save your changes.

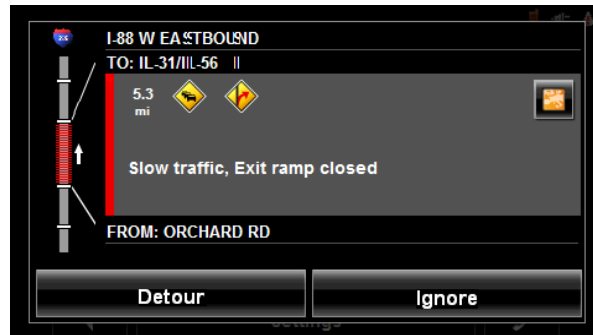
Reroutes

Requesting a route recalculation



Note: This procedure is only available when the TMC Setting **Recalculate Route** is set to **On Request**. For more information, see “Select Reroute Settings” on page 122.

During navigation, a message displays when a traffic message indicates a traffic event exists on your current route. Details of the event are shown on the TRAFFIC DETAIL WINDOW.



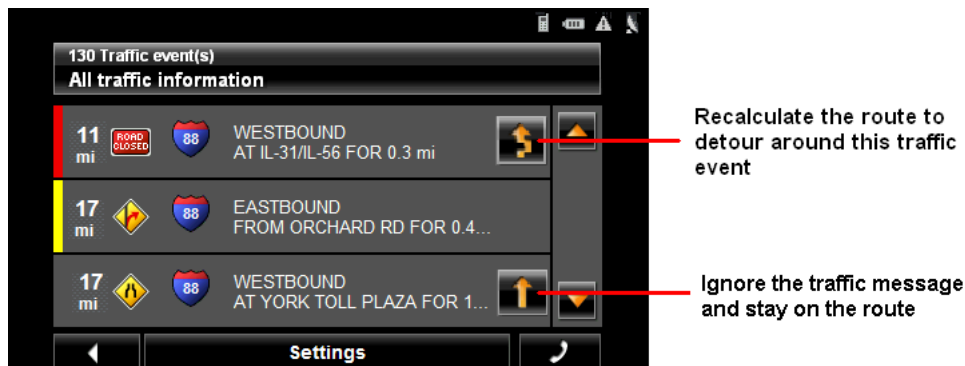
On the TRAFFIC DETAIL WINDOW:

1. Select how you want the traffic block to be handled. Options are:

Detour The navigation software recalculates a route to avoid the traffic obstruction. A (**Detour**) appears next to the traffic segment on the TMC TRAFFIC MESSAGE WINDOW.

Ignore The navigation software ignores the traffic message and remains on the current route. A (**Ignore**) appears next to the traffic segment on the TMC TRAFFIC MESSAGE WINDOW.

The NAVIGON LIFETIME TRAFFIC WINDOW re-displays. An icon for the selected action ((**Detour**) or (**Ignore**) appears next to the traffic segment.





Recalculate the route to detour around this traffic event

Ignore the traffic message and stay on the route

2. Tap (**Back**) to close the NAVIGON LIFETIME TRAFFIC INFORMATION WINDOW.

Canceling a Reroute Calculation for a Traffic Event

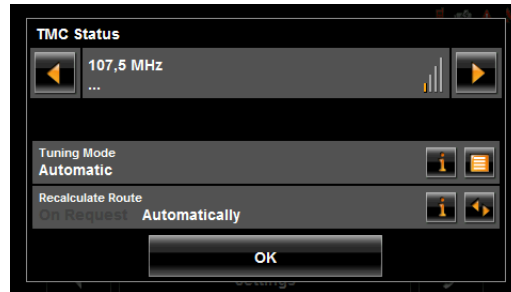
If you have set the navigation software to avoid an event and calculate another route, you can cancel the reroute request by tapping  (**Detour**) next to the event. The icon changes to  (**Ignore**) and the route is not recalculated. To change the icon back to **Detour**, tap the **Ignore** icon again.

TMC Status Window

In the TMC STATUS WINDOW, you can set and configure the TMC receiver. These settings determine how received traffic messages will affect subsequent routing.

On the MAIN WINDOW:

1. Tap **Options > Traffic > Settings**.



Select another station

On the TMC STATUS WINDOW:

- Tap (To the Left) and (To the Right) to tune to another station.



Note: Some stations do not have TMC information.

Select Tuning Mode Settings

On the TMC STATUS WINDOW:

1. In the **Tuning Mode** field, select an option:

Automatically	The system searches for another station if reception becomes poor.
Hold station	The system searches for the same station on a different frequency if the signal becomes poor.
Hold frequency	The system does not search for another station if reception becomes poor.
2. Tap (List) to view the list and select an option.
3. Tap the **Done** button to save your changes.

Recalculating Route

On the TMC STATUS WINDOW:

- In the **Recalculate Route** field, select an option:

On Request	The route is only recalculated when requested.
Automatically	The route is automatically recalculated every time a severe traffic event is identified on the route.

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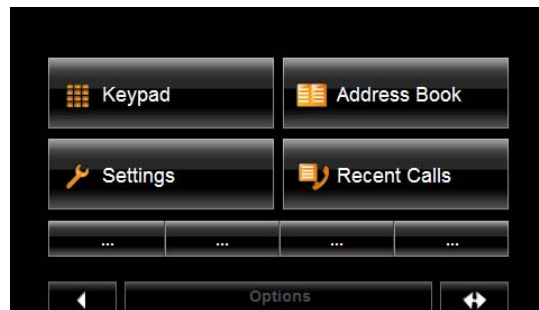
Hands-Free Operation (Bluetooth)



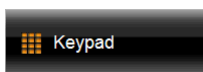
Note: Hands-Free Operation is only available on supported Bluetooth mobile phones.

With **NAVIGON 8100T**, you can use Bluetooth to operate your mobile phone hands-free.

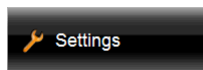
The Hands-Free Main Window



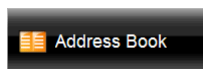
On the HANDS-FREE MAIN WINDOW, you can:



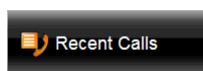
Select this button to show a keypad to dial a phone number, enter a PIN Code, or select menu options in automated systems. This option is only available when the device is paired to a mobile phone.



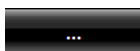
Select this button to go to the HANDS-FREE SETTINGS WINDOW. See “The Hands-Free Settings Window” on page 139.



Select this button to view mobile phone address book entries on your mobile phone. Address book entries are not saved on the navigation device and are only available when the **NAVIGON 8100T** is connected to the mobile phone. This option is only available on supported mobile phones.



Select this button to view a list of recent calls made from your mobile phone. This option is only available when the device is connected to a supported mobile phone.



Four speed dial buttons can be specified. They can be set manually or imported from a mobile phone address book. Once set, the name of the location is shown on the button. See “Adding a New Speed Dial Number” on page 140.



Select this button to close the Hands-Free module and re-display the MAIN WINDOW.



Select this button to send the HANDS-FREE MAIN WINDOW to the background and display the navigation application.

To re-display the HANDS-FREE MAIN WINDOW, tap  (**Phone**).

Opening the Hands-Free Main Window

In the navigation software:

- Tap  (**Phone**).

The HANDS-FREE MAIN WINDOW opens.

Changing hands-free volume

You can adjust the volume of the hands-free module independently of the volume of the navigation system. You can change call volume in two ways:

To change the volume of the current call:



- On the CALL IN PROGRESS WINDOW, tap  (**Volume**) to change the volume.

To change the volume of all calls:

1. On the HANDS-FREE MAIN WINDOW, tap **Settings > Handsfree Settings**.
2. In the **Call Volume** field, set the volume louder or softer.

Show/Hide the Hands-Free Main Window

On the HANDS-FREE MAIN WINDOW:

- Tap  (**Navigation**) to move the navigation application to the foreground.
- Tap  (**Back**) to return to the MAIN WINDOW.

Connecting (Pairing) with a Mobile Phone



Note: The Bluetooth functions of both the **NAVIGON 8100T** and the mobile phone must be configured accordingly in order for a Bluetooth connection to be established between the two devices.

For details of how to configure the **NAVIGON 8100T** see “Setting Bluetooth Options” on page 144.

For details of how to configure the mobile phone refer to the related manual.

The **NAVIGON 8100T** can establish a connection to only one Bluetooth-capable mobile phone.

As a rule the **NAVIGON 8100T** automatically establishes a connection to a mobile phone to which it was once connected before. However, you can also use this function to establish a connection to a different mobile phone while a connection between the **NAVIGON 8100T** and a mobile phone already exists.

Establishing a connection from the navigation device

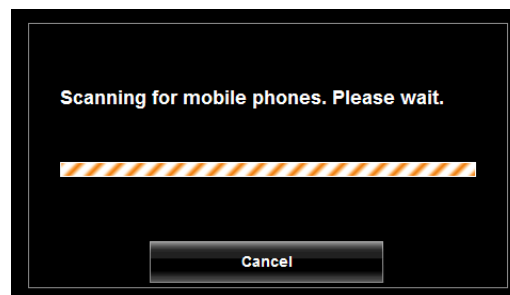
1. Make sure that the Bluetooth function is activated on both the mobile phone and the **NAVIGON 8100T**.

On your mobile phone:

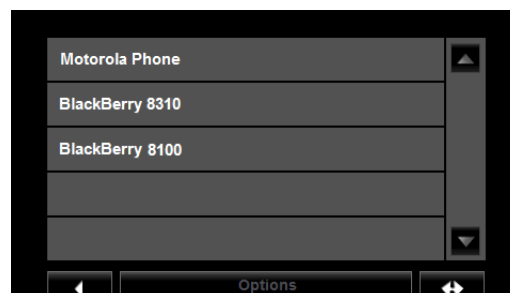
2. Make sure that your mobile phone is set to “Discoverable”, “Find Me”, etc.

On your **NAVIGON 8100T**:

3. On the HANDS-FREE MAIN WINDOW, tap **Settings > Mobile Phone Connection > New Connection**.

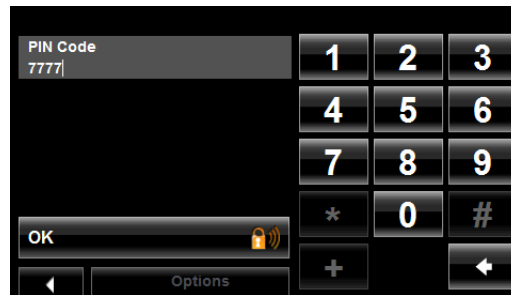


The navigation device scans for Bluetooth devices.



When finished, a list of Bluetooth devices in the area is shown.

4. Tap on the name of your mobile phone.
The navigation device prompts you to enter a PIN code.



5. In the **PIN Code** field, enter a four-digit number.



Note: A PIN code can be any four digits. However, the same 4 digit PIN code must be entered on the mobile phone in order to complete the pairing.

6. Tap **OK**.

On the mobile phone:


Your mobile phone prompts you to enter a PIN code.


7. Enter the same PIN code that was entered on the **NAVIGON 8100T**.

On the **NAVIGON 8100T**, the **The HANDS-FREE SETTINGS WINDOW** opens. A connection is established between the two devices.

8. Follow instructions on your mobile phone to establish the connection.

On the navigation device:

9. Tap  (**Back**) in order to return to the **HANDS-FREE MAIN WINDOW**.

On the **NAVIGON 8100T HANDS-FREE MAIN WINDOW**, the **Keypad**, **Address Book**, and **Recent Calls** buttons are now available. The Bluetooth status icon in the upper right-hand corner displays in gray ().

Establishing a connection from the mobile phone



Note: See your mobile phone's manual if you are uncertain about how to perform the following steps on the mobile phone.

1. Make sure that the Bluetooth function is activated on both the mobile phone and the **NAVIGON 8100T**.

On your **NAVIGON 8100T**:

2. On the **HANDS-FREE MAIN WINDOW**, select **Settings > Bluetooth Settings** and in the **Discoverable by Others** field select **Yes**.

On your mobile phone:

3. Search for other Bluetooth devices.
The navigation device is detected as **NAVIGON**.
4. Initiate a connection to the detected **NAVIGON** device.

The mobile phone prompts you to enter a PIN code.



Note: A PIN code can be any four digits. However, the same 4 digit PIN code must be provided to the navigation device in order to complete the pairing.

5. Enter a four-digit PIN code.


On the navigation device:

The **NAVIGON 8100T** prompts you to enter a PIN code.

6. In the **PIN Code** field, enter the same PIN code that you entered on the mobile phone.
7. Tap **OK**.

The HANDS-FREE MAIN WINDOW displays. A connection is established between the two devices.

On the **NAVIGON 8100T** HANDS-FREE MAIN WINDOW, the **Keypad**, **Address Book**, and **Recent Calls** buttons are now available. The Bluetooth status icon in the

upper right-hand corner displays in gray ().

Terminating the connection between the NAVIGON 8100T and the mobile phone

You can terminate the connection between the **NAVIGON 8100T** and the mobile phone at any time.



Note: You don't need to terminate the connection manually. The connection is terminated automatically when the mobile phone moves out of range (approximately 30 feet (10 meters) from the **NAVIGON 8100T**). Connection data is saved so that the connection can be restored automatically when the mobile phone comes back into range.

In the HANDS-FREE SETTINGS WINDOW:

1. Tap **Mobile Phone Connection > Delete Device**.

You will be prompted to confirm that you want to terminate the connection.

2. Tap **OK**.

On the **NAVIGON 8100T** HANDS-FREE MAIN WINDOW, the **Keypad**, **Address Book**, and **Recent Calls** buttons are no longer available. The Bluetooth status icon in

the upper right-hand corner displays in red ().



Note: When the connection is terminated using this procedure, the **NAVIGON 8100T** can not establish an automatic connection to a mobile phone, including the same mobile phone as for the last connection.

You must establish the next connection to a mobile phone manually. (See "Connecting (Pairing) with a Mobile Phone" on page 129).

Troubleshooting Hands-Free Operation

The **NAVIGON 8100T** must be connected to a mobile phone in order for you to use the telephone functions. After the first connection, your **NAVIGON 8100T** automatically reconnects with your phone each time it comes into range.

Problems occurring when trying to establish a Bluetooth connection can have various causes:

- Bluetooth is deactivated in the hands-free module of the **NAVIGON 8100T**.
=> Activate Bluetooth. Make sure that the **NAVIGON 8100T** can be detected by other Bluetooth devices. (See "Setting Bluetooth Options" on page 144 for more information.)
- Bluetooth is deactivated on the mobile phone or it is set to "Hidden".
=> Activate Bluetooth on your mobile phone. Make sure that your mobile phone can be detected by other Bluetooth devices.

For more details refer to your mobile phone manual.

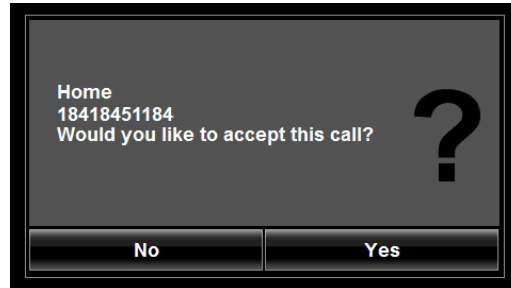
- The **NAVIGON 8100T** may not have successfully connected to your mobile phone before.
=> Initiate the connection manually. (See "Connecting (Pairing) with a Mobile Phone" on page 129 for more information.)
- If none of the above actions resolve the problem, reset the device.
=> With the **NAVIGON 8100T** powered on, use a stylus or paper clip to press the reset button located on the bottom of the case.



Note: If the **NAVIGON 8100T** is still unable to establish a Bluetooth connection to your mobile phone, contact your mobile phone manufacturer's customer support.

Answering a call

When you receive a call, the INCOMING CALL WINDOW opens. A message asks whether you want to take the call.



To ignore the call:

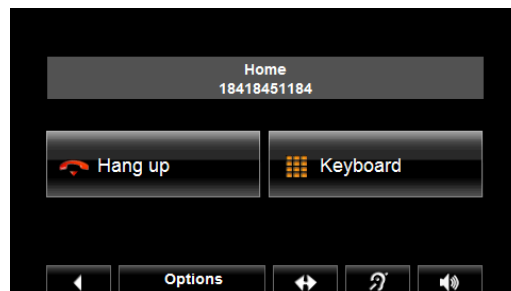
- Tap **No**.

To take the call:

- Tap **Yes**.

The name and the number of the caller will be displayed if this information is available.

The CALL IN PROGRESS WINDOW opens.



Note: Spoken navigation instructions continue during a call.

Making a call

With the **NAVIGON 8100T** you can make a call in various ways:


- Dialing a telephone number.
- Dialing a Speed Dial number.
- Dialing a contact from the Address Book.
- Calling missed, most recently dialed, or received numbers.

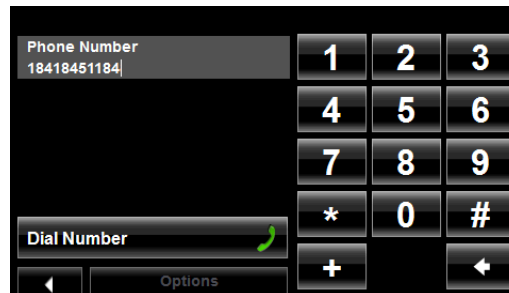


Note: Spoken navigation instructions continue during a call.

Dialing a telephone number

In the Navigation software:

1. Tap  (**Phone**).
The HANDS-FREE MAIN WINDOW appears.
2. Tap **Keypad**.
The HANDS-FREE KEYPAD WINDOW opens.



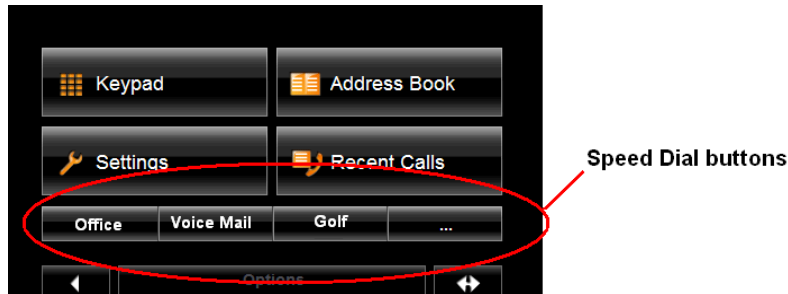
3. Enter the desired telephone number.
4. Tap **Dial Number**.

Dialing a Speed Dial number

You can configure up to four Speed Dial buttons. For more information on how to set up a Speed Dial number, see “Adding a New Speed Dial Number” on page 140.

In the navigation software:

1. Tap  (**Phone**).
The HANDS-FREE MAIN WINDOW appears.



2. Tap the desired Speed Dial button.



Note: If a Speed Dial button has not been set up, or if a Bluetooth connection to the mobile phone has not been established, the HANDS-FREE MODIFY SPEED DIAL WINDOW displays.

Dialing a contact from the Address Book



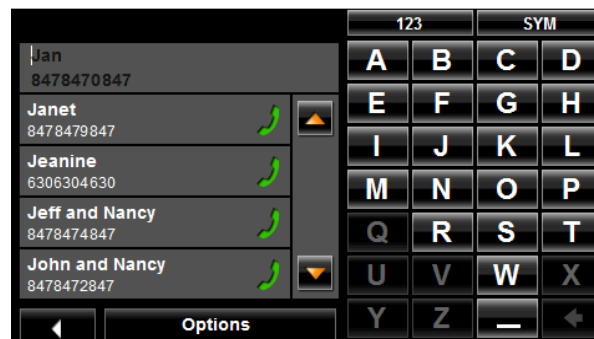
Note: This feature is only available on supported Bluetooth mobile phones.

Note: Depending on your mobile phone, only phone numbers may display. Contact names may not be shown.

You can select numbers from the address book of the mobile phone to which the **NAVIGON 8100T** is connected.

On the HANDS-FREE MAIN WINDOW:

1. Tap **Address Book**.



The entries in the mobile phone's address book are shown.



Note: The address book is not saved on the navigation device. It is only available to the Hands-Free module while the navigation device is connected to the mobile phone.

2. Tap on the contact you want to call.
If more than one phone number is saved for this contact, a list with all the phone numbers saved for the contact will open.
3. Tap on the number you want to dial.

Calling missed, most recently dialed, or received numbers



Note: This feature is only available on supported Bluetooth mobile phones.

On the **NAVIGON 8100T**, the RECENT CALLS WINDOW lists missed, answered and outgoing calls.




Note: Missed calls are shown first, then dialed calls, then answered calls.

Note: Recent calls may not be shown in chronological order.

Note: Incoming and unanswered calls can only be dialed if the caller's number was transmitted.




In the Navigation software:

1. Tap  (**Phone**).
The HANDS-FREE MAIN WINDOW appears.
2. Tap **Recent Calls**.



The RECENT CALLS WINDOW displays a list of calls.

On this list, the type of call is indicated as:

-  Missed call
-  Dialed call
-  Received call

3. Tap on the entry you want. A call is placed to the selected number.



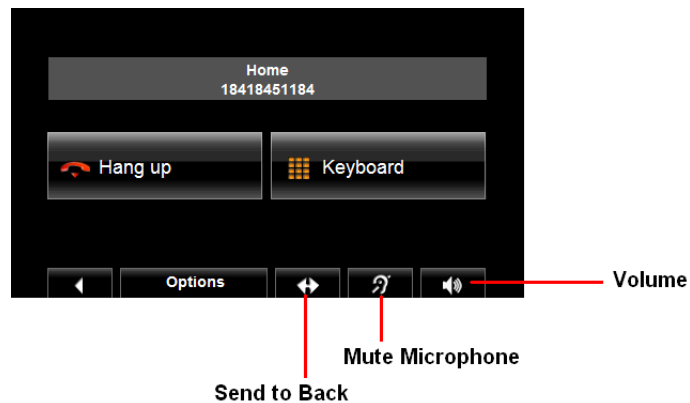
Note: The RECENT CALLS LIST is not saved on the navigation device. It is only available to the Hands-Free module while the navigation device is connected to the mobile phone.

Transferring a call from your mobile telephone

The **NAVIGON 8100T** takes calls automatically from the mobile phone as soon as a Bluetooth connection is established between the two devices.

During a call


During a call, the CALL IN PROGRESS WINDOW displays.



Moving the navigation application to the foreground

You can move the navigation application to the foreground at any time. In this way you can have the map in the foreground during a call when the **NAVIGON 8100T** is in the process of navigating.


- Tap  (**Navigation**).

While a mobile phone is connected to the navigation device, the  icon (green mobile phone) is shown in the top right corner of the window.

- Tap  (**Phone**) to re-open the CALL IN PROGRESS WINDOW.

Entering numbers

You can enter numbers during a call, for example, when you need to enter a PIN code for retrieving voice mail.

1. Tap **Keypad**.
2. Enter the desired numbers.
3. Tap  (**Back**) to open the CALL IN PROGRESS WINDOW.



Note: Spoken navigation instructions continue during a call.

Placing the Microphone on Mute

During a call you can place the **NAVIGON 8100T** microphone on mute.

To mute the microphone:

- Tap  (**Mute**).

The mute button displays in red .

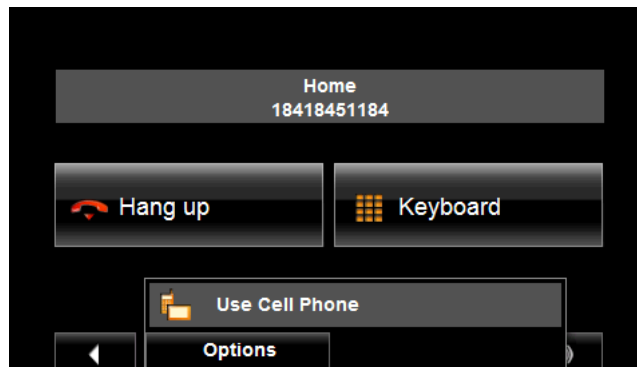
To turn the microphone back on:

- Tap  (**Mute**) again.

Transferring a call to the mobile phone

On the CALL IN PROGRESS WINDOW:

1. Tap **Options > Use Cell Phone**.



2. Pick up the mobile telephone and continue the call.

Ending the call

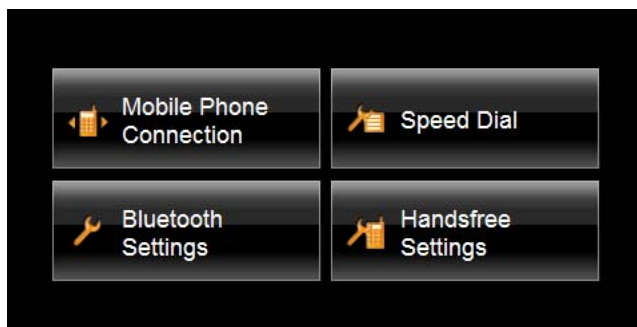
On the CALL IN PROGRESS WINDOW:

- Tap **End Call**.

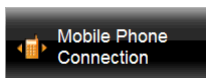
Configuring the Hands-Free function

With **NAVIGON 8100T**, you can use Bluetooth to operate your mobile phone hands-free.

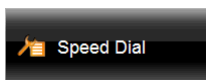
The Hands-Free Settings Window



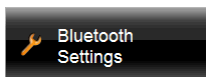
On the HANDS-FREE SETTINGS WINDOW, you can:



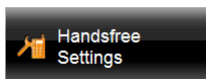
Select this button to connect your **NAVIGON 8100T** to your mobile phone. See “Connecting (Pairing) with a Mobile Phone” on page 129 for more information.



Select this button to set up to four speed dial phone numbers. See “Adding a New Speed Dial Number” on page 140 for more information.



Select this button to activate Bluetooth functionality and set options. See “Setting Bluetooth Options” on page 144 for more information.



Select this button to set the volume of the ring tone and dial tone. See “Setting Hands-Free Volume” on page 143 for more information.



For information about configuring your device, see “Customization” on page 147.

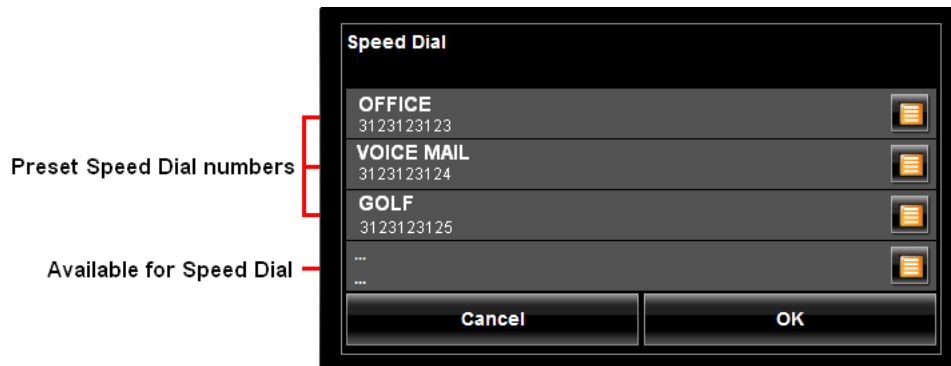
Adding a New Speed Dial Number

The **NAVIGON 8100T** hands-free module has four Speed Dial buttons that can be set for frequently called numbers.

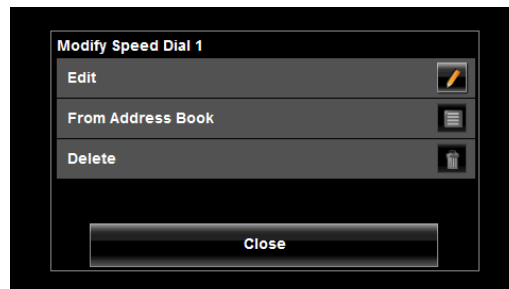
On the HANDS-FREE MAIN WINDOW:

1. Tap **Settings > Speed Dial**.

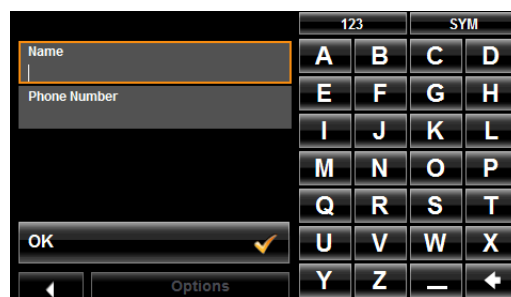
The SPEED DIAL WINDOW displays.



2. Tap on an available Speed Dial line.
The MODIFY SPEED DIAL WINDOW displays.



3. Tap **Edit**.



4. Enter the name and the number for the Speed Dial button.
5. Tap **OK**.
The added Speed Dial button displays on the MODIFY SPEED DIAL WINDOW.
6. Tap **OK**.

Adding an Address Book Number to Speed Dial

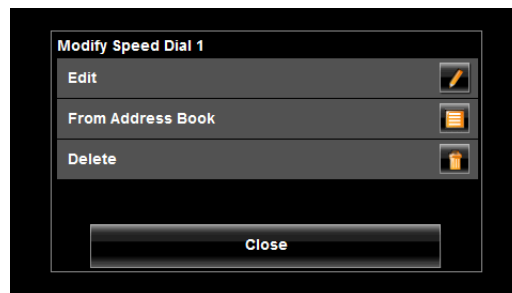


Note: The **NAVIGON 8100T** must be connected to the mobile phone to add a Speed Dial number from the mobile phone's address book.

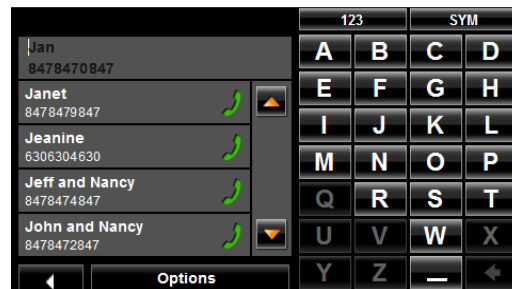
Note: Speed dial numbers are stored in the device memory.

On the HANDS-FREE MAIN WINDOW:

1. Tap **Settings > Speed Dial**.
The SPEED DIAL WINDOW displays.
2. Tap on an available Speed Dial button.
The MODIFY SPEED DIAL WINDOW displays.
3. Tap **From Address Book**.



The phone numbers on the mobile phone are shown.

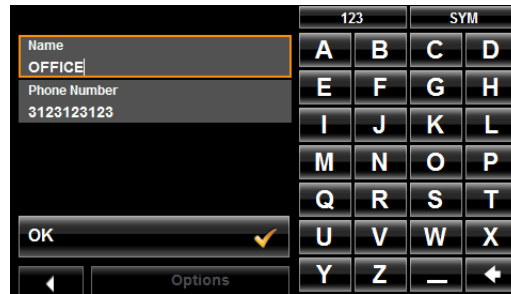


4. Tap on the entry you want to add to a Speed Dial button.
The new entry displays on the SPEED DIAL WINDOW.
5. Tap **OK**.

Changing a Speed Dial Number

On the HANDS-FREE MAIN WINDOW:

1. Tap **Settings > Speed Dial**.
The SPEED DIAL WINDOW displays.
2. Tap on the Speed Dial line to be changed.
The MODIFY SPEED DIAL WINDOW displays.
3. Tap **Edit**.



The name and the number for the Speed Dial button are shown.

4. Enter the new information for the Speed Dial button.
5. When finished, tap **OK**.
The updated entry displays on the MODIFY SPEED DIAL WINDOW.
6. Tap **OK**.

Deleting a Speed Dial Number

On the HANDS-FREE MAIN WINDOW:

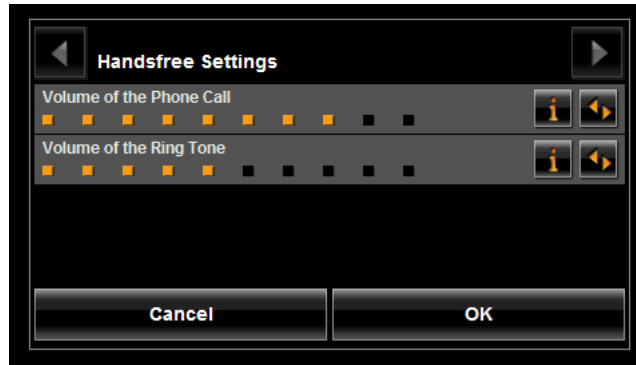
1. Tap **Settings > Speed Dial**.
The SPEED DIAL WINDOW displays.
2. Tap on the Speed Dial line to be deleted.
The MODIFY SPEED DIAL WINDOW displays.
3. Tap **Delete**.
The MODIFY PRESENT WINDOW re-displays. The name and number no longer appear on the Speed Dial button.

Setting Hands-Free Volume

You can configure phone settings for the hands-free module of your **NAVIGON 8100T**.

On the HANDS-FREE MAIN WINDOW:

- Tap **Settings > Handsfree Settings**.
The HANDSFREE VOLUME SETTINGS WINDOW opens.



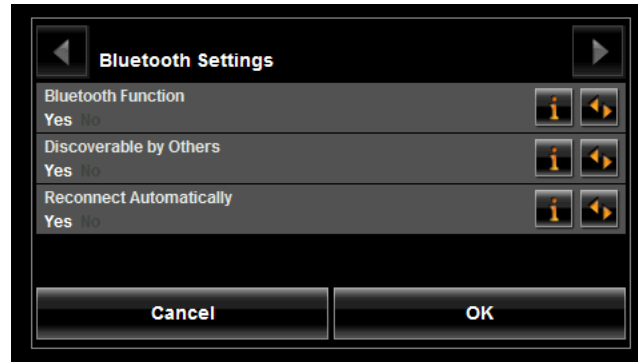
Volume of the Phone Call The volume of the call can be adjusted independent of the volume of the navigation application.

Volume of the Ring Tone The volume of the ring tone can be adjusted independent of the volume of the navigation application.

Setting Bluetooth Options

In the HANDS-FREE MAIN WINDOW:

- Tap **Settings > Bluetooth Function**.
The BLUETOOTH SETTINGS WINDOW opens.



On this window, set the following options:



Note: A Bluetooth connection can be established from the mobile phone only when the **Bluetooth Function** setting is set to **Yes**.

Bluetooth Function Select whether you want to activate the Bluetooth function (Yes or No). The hands-free module cannot connect to a mobile phone if the Bluetooth function is deactivated.



Note: These following settings (**Discoverable by Others** and **Reconnect Automatically**) are only available when the Bluetooth function is activated.

Discoverable by Others Select whether other Bluetooth-capable devices (in particular mobile phones) should be able to detect the **NAVIGON 8100T** (**Yes** or **No**).

Reconnect Automatically Select whether the connection to the last connected phone is to be restored automatically (**Yes** or **No**).
For example: The connection is interrupted as soon as you leave the vehicle. It can be restored as soon as you approach the vehicle again.

Logbook

You can use the **NAVIGON 8100T** to record your vehicle mileage for tax purposes or for expense reports. The logbook is recorded in the **Logbook.xls** file. You can open the file with Microsoft Excel spreadsheet program. Each recorded trip is added to the spreadsheet as a new entry.

When first used, the **Logbook.xls** file is created in the `MN7\Logbook` directory on the memory card. If you delete or move this file, a new file is created when you next record a trip.

The **NAVIGON 8100T** supports various types of trips for which one could record mileage. You can record mileage for Business, Personal, Commutes to work, etc.




Note: When logbook recording starts, every movement of the vehicle is recorded, even when you are not navigating on-route.


The Logbook option is not available during a route simulation.

Start recording

From the MAIN WINDOW:

1. Tap **Options > Settings > Navigation**.
The NAVIGATION SETTINGS WINDOW opens.
2. Use  (**Next Page**) to go to Page Three.
3. In the **Logbook setting** field, select **Yes**.
4. Tap **OK**.
5. When you begin a route, select the type of entry.
6. Enter a name for the route.
7. Tap **OK**.




Note: When you start recording, the  (**Logbook**) icon appears in the upper right corner of the window.

8. See “Using Logbook” on page 97 for more information.

Stop recording

Use this procedure to stop all Logbook recording. To selectively stop recording, see “Stop recording for a single route” on page 98.

From the MAIN WINDOW:

1. Tap **Options > Settings > Navigation**.
The NAVIGATION SETTINGS WINDOW opens.
2. Go to page three by tapping  (**Next Page**) twice.
3. In the **Logbook setting** field, tap **No**.
4. Tap **OK**.

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Customization

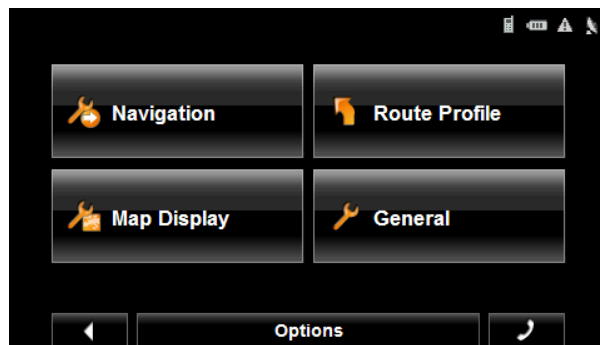
Accessing the Settings window

The settings can be reached from several windows.

- Tap **Options** > **Settings**.

The Settings Window

The SETTINGS WINDOW is where you can customize your **NAVIGON 8100T** to suit your personal needs and preferences.



The SETTINGS WINDOW has several buttons.

- Tap a button to open the corresponding settings window.

Navigation Settings

These settings include:

Show Speed Limits

Select whether to show highway speed limits. Options are all speed limits, no special speed limits, or no speed limits.

Within Urban Areas: Warn When Exceeding by

Indicate whether a warning displays when exceeding the speed limit in densely populated areas. Options are to never warn, or to display a warning when 5, 10, 15 or 20 mph over the stated speed limit. Only supported in areas where speed limit information is available.

Outside Urban Areas: Warn When Exceeding by

Indicate whether a warning displays when exceeding the speed limit in less densely populated or rural areas. Options are to never warn, or to display a warning when 5, 10, 15 or 20 mph over the posted speed limit. Only supported in areas where speed limit data is available.

Show Altitude and Speed	Show or hide the altitude and current speed on a displayed map.
Indication of Travel Time	Show either the estimated time of arrival or the remaining time to the destination (or an interim destination, if applicable).
Display Compass	Show or hide a small compass on screen during navigation.
Announce Street Names	Indicate whether or not to hear the street names announced.
Info When Crossing Borders	Show or hide local speed restrictions when crossing a country border.
Logbook	Indicate whether to turn on logbook to record vehicle mileage.

Route Profile Settings

These settings include:

Speed Profile	Select the type of transport: standard car, bicycle (avoids highways and adheres to one-way restrictions), or pedestrian (avoids highways and disregards one-way street restrictions). This is used for calculating routes and arrival times.
Type of Route	Select the type of route to be calculated: Fast (shortest travel time), Short (shortest travel distance, and Optimum (uses both fast and short segments in the route calculation).
Consider Traffic Information	Select whether TMC (traffic information) is used when calculating a route. (This requires TMC reception and may not be available in all areas.)
Highways	Select whether highways are considered in a calculated route.
Toll Roads	Select whether toll roads are considered in a calculated route.
Ferries	Select whether ferries are considered in a calculated route.
Residents Only Streets	Select whether residents only streets (where through traffic is prohibited) are considered in a calculated route.
Calculate the Next Stage	Used for routes with multiple destinations. After reaching a route point, select whether the next stage is calculated automatically.

Map Display Settings

These settings include:

Reality View	Indicate whether Reality View Pro displays a visual
---------------------	---

	representation of an approaching junction. Highway signs and the lane to be used are indicated. (This feature is dependent on the selected map and may not be available in all areas.)
Display 'Panorama View 3D'	Show or hide 3D icons in panorama (terrain) view.
3D Maps: Show Street Names	Show or hide street names when displaying the map in 3D view. (Not available if Display 'Panorama View 3D' is set to Yes .)
2D Maps: Show Street Names	Show or hide street names when displaying the map in 2D view.
2D Zoom Factor	Indicate how auto-zoom behaves by default when a 2D view mode is selected. The zoom changes, based on speed. When driving slower, the map scale gets smaller. When driving faster, the map scale gets larger. Options are no automatic zoom, smaller or larger map sections, or standard.
2D Map: Orientation	Indicate the orientation of maps shown in 2D map view mode. Options are Direction of Travel (at the top of the map), or Always North (North at the top of the map).
Categories Shown	Specify which POI categories are shown on the displayed map.
Countries in	Select the map area to use.

General Settings

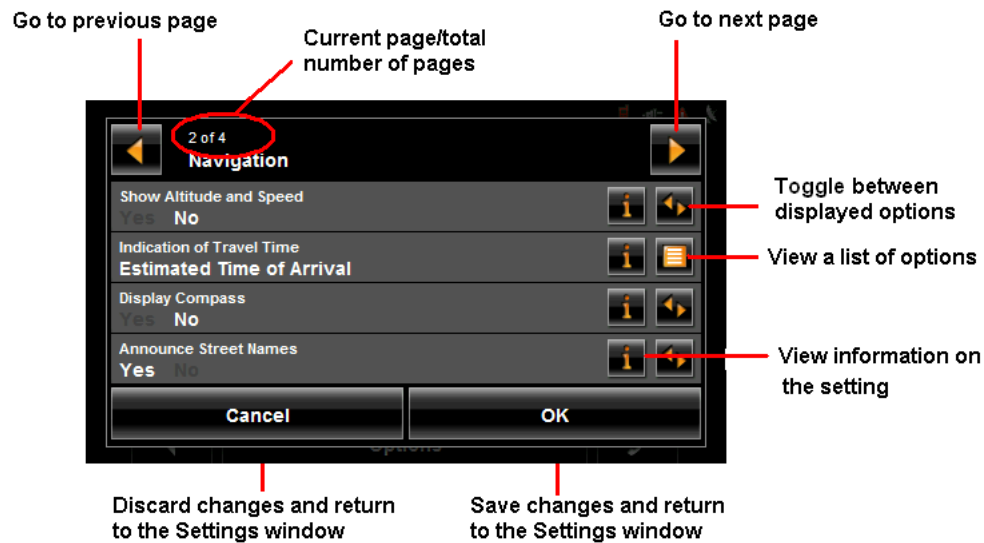
Brightness Day	Indicate the display brightness for use during the daytime. Options are from 1 (less bright) to 8 (most bright).
Brightness Night	Indicate the display brightness for use at night. Options are from 1 (less bright) to 8 (most bright).
Display Mode	Select the default display mode for the device. Options are: Automatic (the device switches between modes depending on the time of sunrise and sunset), Day, and Night (the display uses darker colors).
Automatic Standby	Select whether the device will automatically go into standby mode after a period of inactivity or when the power supply to the device is interrupted.
Direct Access 1	Select the first POI category to display for use with the POI direct access and for the POI on route functions.
Direct Access 2	Select a second POI category to display for use with the POI direct access and for the POI on route functions.
Direct Access 3	Select a third POI category to display for use with the POI direct access and for the POI on route

	functions.
Time Format	Indicate how times are displayed, either a 12 hour format (with am and pm), or a 24 hour format.
Distance Unit	Indicate the distance unit to be used, either Miles or Kilometers.
Coordinate Format	If coordinates are shown, indicate whether they display in decimal format or in degrees, minutes, and seconds format.
Screensaver	Indicate whether a screensaver should display after a period of inactivity.
Language	Select the language to be displayed on screen and to be used with spoken directions. Options are English, Spanish, or French.
Voice	Select the appropriate voice to be used with spoken navigation instructions.

Options Button



Product Information	Select this option to view NAVIGON 8100T software and hardware versions, as well as, information on the maps, traffic, and ZAGAT POIs.
Touchscreen Calibration	Select this option to recalibrate the touchscreen.
Factory Settings	Select this option to reset the device to default values.
Password Lock	Select this option to add, change, or remove a device password.

Selecting options




Moving between pages

Some **NAVIGON 8100T** settings require several windows, as shown in the example above (Page 2 of 4). To move between windows:


- Tap  (To the Left) and  (To the Right).

Viewing a list of options for a setting

Some settings have several values. A value can be selected from a list. The value that is currently valid is shown.

1. Tap  (List).
A list with all potential values opens. The value that is currently valid is marked.
2. Tap the desired value. It is now marked.
3. Tap the **OK** button.
The list closes. The new value is displayed.

Viewing information about a setting

For each setting, tap the  (**Help**) button to view an explanation of the setting.

Toggling between options

Some settings can only accept two or three different values. All values are displayed with the currently selected value shown in white.

- Tap  (**Toggle**) to alternate between the potential values.

Changing an option setting

After changing an option setting:

- To save the change, tap the **OK** button.
- To discard the change, tap the **Cancel** button.

The SETTINGS WINDOW re-displays.

Legal Notices

NOTICE TO DRIVERS IN CALIFORNIA AND MINNESOTA

State law prohibits drivers in California and Minnesota from using mounts on their windshields while operating motor vehicles. NAVIGON does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71)

GPS

Underwriters Laboratories Inc. ("UL") has not tested the performance or reliability of the Global Positioning System ("GPS") hardware, operating software or other aspects of this product. UL has only tested for fire, shock or casualties as outlined in UL's Standard(s) for Safety for Information Technology Equipment (UL 60950-1, cUL 991). UL Certification does not cover the performance or reliability of the GPS hardware and GPS operating software. UL MAKES NO REPRESENTATIONS, WARRANTIES OR CERTIFICATIONS WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY GPS RELATED FUNCTIONS OF THIS PRODUCT.

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Technical Data

Specifications

Dimensions		approx. 5.3" x 3.32" x .86"
Weight		approx. 9.347 ounces
Operating conditions	Operating temperature	-10°C to +60°C
	Storage temperature	-30°C to +70°C
	Humidity	0% to 90%, non-precipitating
CPU		Samsung 2443-533MHz
Operating System		Microsoft Windows CE .Net 5.0
Display		4.8" LCD Color display Resistive flat touch panel 480 x 272 pixels (WQVGA) Landscape format, transmissive
Memory	ROM	512 MB
	RAM	128 MB
GPS		SiRF GPS III, 20 channels Built-in antenna Socket for external antenna
TMC		Built-in
I/O	Stylus	Yes
	Keyboard	Software keyboard
	Loudspeaker	Built-in
	Microphone	Built-in
	Storage	Not used
	Memory card	SD, SDHC, MMC
	USB	USB 2.0
	Bluetooth	CSR Bluecore 4
Power Supply		USB socket or cradle
Rechargeable battery	Type	Li-Ion, 1500 mAh
	Period of operation	Up to 4 hours ¹
Charging	Electronic	Built-in
	Duration	approx. 4-5 hours

Technical Data
Specifications

Car charger cable	Type	With integrated TMC antenna (
	Input	10-30V DC
	Output	1A, 5V DC
	Operating Temperature	-10°C to 60°C

1. Some features can reduce battery operation time. These include NAVIGON Lifetime Traffic, GPS antenna reception, Daytime viewing mode, Hands-Free, etc.

Compliance Notices

This **NAVIGON 8100T** complies with Part 15 of the FCC interference limits for Class B digital devices for home or office use.

“Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.”

(Carrier frequency: 1575.42MHz, receiver only)

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canada C Request

Country Code selection feature to be disabled for products marketed to the US/CAN-ADA

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. This Class [B] digital apparatus complies with Canadian ICES-003.

This Category II radiocommunication device complies with Industry Canada Standard RSS-310.

Canada Notices

This class [B] digital device is consistent with Canada's standard NMB-003.

This category II radio communication device meets Canada Industry Convention CNR-310.

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